

GenCore version 5.1.6  
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OM nucleic - nucleic search, using sw model

Run on: June 13, 2003, 20:00:53 ; Search time 2.72085 Seconds  
(without alignments)  
2254.273 Million cell updates/sec

Title: US-09-808-388-1

Perfect score: 20

Sequence: 1 caaactagctcaaggtca 20

Scoring table: IDENTITY\_NUC

Gapop 10.0, Gapext 1.0

Searched: 441362 seqs, 153338381 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued\_Patents\_NA.\*  
1: /cgn2\_6/ptodata/2/ina/5A.COMB.seq:\*  
2: /cgn2\_6/ptodata/2/ina/5B.COMB.seq:\*  
3: /cgn2\_6/ptodata/2/ina/6A.COMB.seq:\*  
4: /cgn2\_6/ptodata/2/ina/6B.COMB.seq:\*  
5: /cgn2\_6/ptodata/2/ina/PCrus.COMB.seq:\*  
6: /cgn2\_6/ptodata/2/ina/backfiles.seq:\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
C 1	15.4	77.0	587	4	US-09-053-702-3
C 2	15.2	76.0	3441	2	US-08-742-753-1
C 3	15.2	76.0	13865	3	US-09-009-217-11
C 4	15.2	76.0	13865	3	US-09-009-656-11
C 5	15.2	76.0	15894	1	US-08-348-891A-1
C 6	15.2	76.0	15894	1	US-08-905-817-1
C 7	15.2	75.0	2661	1	US-08-351-413-1
C 8	15.2	75.0	2661	2	US-09-025-583-1
C 9	15.2	75.0	4808	2	US-08-351-413-17
C 10	15.2	75.0	4808	2	US-09-025-583-17
C 11	14.8	74.0	11303	4	US-08-961-527-115
C 12	14.8	74.0	16595	4	US-09-146-053-7
C 13	14.2	71.0	865	4	US-09-328-111-128
C 14	14.2	71.0	1026	4	US-09-384-110A-3
C 15	14.2	71.0	1288	4	US-09-724-864-16
C 16	14.2	71.0	1846	4	US-09-336-536-37
C 17	14.2	71.0	2103	3	US-08-931-952-1
C 18	14.2	71.0	2103	3	US-08-272-247-1
C 19	14.2	71.0	2103	5	PCT-US95-08560-1
C 20	14.2	71.0	2849	2	US-09-221-017B-990
C 21	14.2	71.0	2964	2	US-08-846-790A-2
C 22	14.2	71.0	2964	3	US-08-935-333-2
C 23	14.2	71.0	3095	4	US-09-293-549-7
C 24	14.2	71.0	5521	4	US-08-975-762-48
C 25	14.2	71.0	5521	4	US-09-195-028-48
C 26	14.2	71.0	5521	4	US-09-106-582-48
C 27	14.2	71.0	5789	4	US-09-242-948-3

C 28	14.2	71.0	9707	4	US-08-961-527-164	Sequence 164, App
C 29	14.2	71.0	45546	4	US-09-146-053-6	Sequence 6, Appli
C 30	14.2	71.0	80246	4	US-09-078-294-4	Sequence 4, Appli
C 31	14.2	71.0	80595	4	US-09-078-294-3	Sequence 3, Appli
C 32	14.2	71.0	111282	4	US-09-754-250-3	Sequence 306, App
C 33	14.2	71.0	1060	4	US-09-072-596-306	Sequence 137, App
C 34	13.8	69.0	528	4	US-08-615-192A-137	Sequence 74, Appl
C 35	13.8	69.0	545	2	US-09-615-192A-74	Sequence 212, App
C 36	13.8	69.0	545	4	US-09-280-116-212	Sequence 1936, Ap
C 37	13.8	69.0	1072	4	US-09-134-001C-1936	Sequence 81, Appl
C 38	13.8	69.0	1422	4	US-09-247-155-61	Sequence 6, Appli
C 39	13.8	69.0	1689	4	US-08-750-532-8	Sequence 7, Appli
C 40	13.8	69.0	4765	4	US-08-894-818B-7	Sequence 5, Appli
C 41	13.8	69.0	4765	4	US-09-445-472-5	Sequence 34, Appl
C 42	13.8	69.0	4765	4	US-09-041-886-34	Sequence 1, Appli
C 43	13.8	69.0	6450	4	US-08-453-998-1	Sequence 3, Appli
C 44	13.8	69.0	6450	4	US-09-734-675-3	
C 45	13.8	69.0	38844	4	US-09-734-675-3	

## ALIGNMENTS

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RESULT 1
US-09-053-702-3/c
; Sequence 3, Application US/09053702
; Patent No. 6229069
; GENERAL INFORMATION:
; APPLICANT: YAMADA, Shigehiro
; TITLE OF INVENTION: METHOD FOR CONTROLLING WATER CONTENT OF PLANT
; FILE REFERENCE: 230-122P
; CURRENT APPLICATION NUMBER: US/09/053,702
; CURRENT FILING DATE: 1998-04-02
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 3
; LENGTH: 587
; TYPE: DNA
; ORGANISM: Nicotiana tabacum
US-09-053-702-3

Query Match          77.0%; Score 15.4; DB 4; Length 587;
Best Local Similarity 94.1%; Pred. No. 29;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY      3 AAACAGGTCAAGGTC 19
DB      288 AAACAGGACAAAGGTC 272

RESULT 2
US-08-742-753-1/c
; Sequence 1, Application US/08742753
; Patent No. 5861278
; GENERAL INFORMATION:
; APPLICANT: WONG, Gordon G.
; TITLE OF INVENTION: HNF3-delta Compositions
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Genetics Institute, Inc.
; STREET: 87 Cambridgepark Drive
; CITY: Cambridge
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02140
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA: US/08/742,753
; APPLICATION NUMBER: 08/742,753
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FILING DATE: 514  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: LAZAR, Steven R.  
REGISTRATION NUMBER: 32,618  
REFERENCE/DOCKET NUMBER: 5277  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 498-8260  
TELEFAX: (617) 876-5851  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 3441 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 88...2400  
US-08-742-753-1

Query Match 76.0%; Score 15.2; DB 2; Length 3441;  
Best Local Similarity 85.0%; Pred. No. 50;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1 CAAACTAGTCAAGGTCA 20  
DB 2544 CATAATTAGTCAAGGACA 2525

RESULT 3  
US-09-009-217-11

Sequence 11, Application US/09009217  
Patent No. 6132729  
GENERAL INFORMATION:  
APPLICANT: Thorpe, Philip E.  
APPLICANT: King, Steven W.  
APPLICANT: Gao, Boning  
TITLE OF INVENTION: COMBINED TISSUE FACTOR AND  
TITLE OF INVENTION: CHEMOTHERAPEUTIC METHODS AND COMPOSITIONS FOR COAGULATION  
NUMBER OF SEQUENCES: 27  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Arnold, White & Durkee  
STREET: P.O. Box 4433  
CITY: Houston  
STATE: Texas  
COUNTRY: USA  
ZIP: 77210  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/009,217  
FILING DATE: Concurrently Herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/042,427  
FILING DATE: 27-MAR-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/036,205  
FILING DATE: 27-JAN-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/035,920  
FILING DATE: 22-JAN-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Hibler, David W.  
REGISTRATION NUMBER: 41,071  
REFERENCE/DOCKET NUMBER: UTSD:536  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 512/418-3000

TELEFAX: 512/474-7577  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 13865 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-009-217-11

Query Match 76.0%; Score 15.2; DB 3; Length 13865;  
Best Local Similarity 85.0%; Pred. No. 63;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1 CAAACTAGTCAAGGTCA 20  
DB 13773 CAAATTAGTCAAGGACA 13792

RESULT 4  
US-09-009-656-11

Sequence 11, Application US/09009656  
Patent No. 6132730  
GENERAL INFORMATION:  
APPLICANT: Thorpe, Philip E.  
APPLICANT: King, Steven W.  
APPLICANT: Gao, Boning  
TITLE OF INVENTION: COMBINED TISSUE FACTOR AND FACTOR VIIA  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR COAGULATION AND TUMOR  
NUMBER OF SEQUENCES: 27  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Arnold, White & Durkee  
STREET: P.O. Box 4433  
CITY: Houston  
STATE: Texas  
COUNTRY: USA  
ZIP: 77210  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/009,656  
FILING DATE: Concurrently Herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/042,427  
FILING DATE: 27-MAR-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/036,205  
FILING DATE: 27-JAN-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/035,920  
FILING DATE: 22-JAN-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Hibler, David W.  
REGISTRATION NUMBER: 41,071  
REFERENCE/DOCKET NUMBER: UTSD:537  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 512/418-3000  
TELEFAX: 512/474-7577  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 13865 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-009-656-11

Query Match 76.0%; Score 15.2; DB 3; Length 13865;  
Best Local Similarity 85.0%; Pred. No. 63;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1 CAAACTAGTCAAGTCA 20  
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DB 13773 CAAATTAGTAAAGGACA 13792

RESULT 5  
US-08-348-891A-1/c  
; Sequence 1, Application US/08348891A  
; Patent No. 5654136  
; GENERAL INFORMATION:  
; APPLICANT: SASAKI, Keiko  
; APPLICANT: MORI, Takayuki  
; APPLICANT: MAKINO, Satoshi  
; TITLE OF INVENTION: ATTENUATED MEASLES VIRUS VACCINE.  
; TITLE OF INVENTION: CONTAINING SPECIFIC NUCLEOTIDE SEQUENCE AND A METHOD FOR  
; TITLE OF INVENTION: ITS ABSOLUTE IDENTIFICATION  
; NUMBER OF SEQUENCES: 19  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: YOUNG & THOMPSON  
; STREET: 745 South 23rd Street  
; CITY: Arlington  
; STATE: Virginia  
; COUNTRY: USA  
; ZIP: 22202  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/348,891A  
; FILING DATE: 25-NOV-1994  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/848,400  
; FILING DATE: 10-MAR-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: JP 3-293625  
; FILING DATE: 14-OCT-1991  
; ATTORNEY/AGENT INFORMATION:  
; NAME: PATCH, Andrew J.  
; REGISTRATION NUMBER: 32,925  
; REFERENCE/DOCKET NUMBER: KP-7501  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 703-521-2297  
; TELEFAX: 703-685-0573  
; INFORMATION FOR SEQ ID NO: 1:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15894 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: CDNA  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: 108..1682  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: 1807..3327  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: 3438..4442  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: 5458..7107  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: 7271..9121  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: 9234..15782

US-08-348-891A-1

Query Match 76.0%; Score 15.2; DB 1; Length 15894;  
Best Local Similarity 85.0%; Pred. No. 64;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1 CAAACTAGTCAAGTCA 20  
||||| ||||| ||||| ||  
DB 9920 CAAACCGATTCAAATGCA 9901

RESULT 6  
US-08-905-817-1/c  
; Sequence 1, Application US/08905817  
; Patent No. 5824777  
; GENERAL INFORMATION:  
; APPLICANT: SASAKI, Keiko  
; APPLICANT: MORI, Takayuki  
; APPLICANT: MAKINO, Satoshi  
; TITLE OF INVENTION: ATTENUATED MEASLES VIRUS VACCINE.  
; TITLE OF INVENTION: CONTAINING SPECIFIC NUCLEOTIDE SEQUENCE AND A METHOD FOR  
; TITLE OF INVENTION: ITS ABSOLUTE IDENTIFICATION  
; NUMBER OF SEQUENCES: 19  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: YOUNG & THOMPSON  
; STREET: 745 South 23rd Street  
; CITY: Arlington  
; STATE: Virginia  
; COUNTRY: USA  
; ZIP: 22202  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/905,817  
; FILING DATE: 04-AUG-1997  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/348,891  
; FILING DATE: 25-NOV-1994  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/848,400  
; FILING DATE: 10-MAR-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: JP 3-293625  
; FILING DATE: 14-OCT-1991  
; ATTORNEY/AGENT INFORMATION:  
; NAME: PATCH, Andrew J.  
; REGISTRATION NUMBER: 32,925  
; REFERENCE/DOCKET NUMBER: KP-7501A  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 703-521-2297  
; TELEFAX: 703-685-0573  
; INFORMATION FOR SEQ ID NO: 1:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15894 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: CDNA  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: 108..1682  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: 1807..3327  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: 3438..4442  
; FEATURE:

NAME/KEY: CDS  
LOCATION: 5458..7107  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 7271..9121  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 9234..15782  
US-08-905-817-1

Query Match 76.0% Score 15.2; DB 1; Length 15894;  
Best Local Similarity 85.0%; Pred. No. 64;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CAAACTAGTCAAGTCA 20  
Db 9920 CAAACCACTCAATGTCA 9901

RESULT 7  
US-08-351-413-1  
Sequence 1, Application US/08351413  
Patent No. 5750867  
GENERAL INFORMATION:  
APPLICANT: Williams, Mark  
APPLICANT: Leemans, Jan  
TITLE OF INVENTION: Maintenance of male-sterile plants  
NUMBER OF SEQUENCES: 17  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: BIRCH, STEWART, KOLASCH & BIRCH  
STREET: 8110 Gatehouse Road, Suite 500 East  
CITY: Falls Church  
STATE: Virginia  
COUNTRY: U.S.A.  
ZIP: 2046  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/351.413  
FILING DATE:  
CLASSIFICATION: 800  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/899,072  
FILING DATE: 12-JUN-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/970,849  
FILING DATE: 03-NOV-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Svensson, Leonard R.  
REGISTRATION NUMBER: 30,330  
REFERENCE/DOCKET NUMBER: 2121-102PCT  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703) 205-8000  
TELEFAX: (703) 205-8050  
TELEX: 248345  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 2661 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
ORGANISM: Zea mays  
STRAIN: Inbred line W-22  
PUBLICATION INFORMATION:  
AUTHORS: Hamilton et al.,  
JOURNAL: Sex Plant Reprod.

VOLUME: 2  
PAGES: 208-  
DATE: 1989  
US-08-351-413-1

Query Match 75.0% Score 15; DB 1; Length 2661;  
Best Local Similarity 100.0%; Pred. No. 61;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CAAACTAGTCAAA 15  
Db 1180 CAAACTAGTCAAA 1194

RESULT 8  
US-09-025-583-1  
Sequence 1, Application US/09025583  
Patent No. 5977433  
GENERAL INFORMATION:  
APPLICANT: Williams, Mark  
APPLICANT: Leemans, Jan  
TITLE OF INVENTION: Maintenance of male-sterile plants  
NUMBER OF SEQUENCES: 17  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: BIRCH, STEWART, KOLASCH & BIRCH  
STREET: 8110 Gatehouse Road, Suite 500 East  
CITY: Falls Church  
STATE: Virginia  
COUNTRY: U.S.A.  
ZIP: 2046  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/025.583  
FILING DATE:  
CLASSIFICATION: 800  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/351.413  
FILING DATE:  
APPLICATION NUMBER: US 07/899,072  
FILING DATE: 12-JUN-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/970,849  
FILING DATE: 03-NOV-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Svensson, Leonard R.  
REGISTRATION NUMBER: 30,330  
REFERENCE/DOCKET NUMBER: 2121-102PCT  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703) 205-8000  
TELEFAX: (703) 205-8050  
TELEX: 248345  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 2661 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
ORGANISM: Zea mays  
STRAIN: Inbred line W-22  
PUBLICATION INFORMATION:  
AUTHORS: Hamilton et al.,  
JOURNAL: Sex Plant Reprod.  
VOLUME: 2  
PAGES: 208-  
DATE: 1989



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APPLICANT: Williams, Mark
APPLICANT: Leemans, Jan
TITLE OF INVENTION: Maintenance of male-sterile plants
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESS: BIRCH, STEWART, KOLASCH & BIRCH
STREET: 8110 Gatehouse Road, Suite 500 East
CITY: Falls Church
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 20466
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
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FILING DATE:
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
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FILING DATE:
APPLICATION NUMBER: US 07/899,072
FILING DATE: 12-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/970,849
FILING DATE: 03-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: Svensson, Leonard R.
REGISTRATION NUMBER: 30,330
REFERENCE/DOCKET NUMBER: 2121-102PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 205-8000
TELEFAX: (703) 205-8050
TELEX: 248345
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 4808 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: ECOLI-HindIII fragment of plasmid pT5218
FEATURE:
NAME/KEY:
LOCATION: complement (18..401)
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OTHER INFORMATION: polyadenylation site derived from Agrobacterium
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OTHER INFORMATION: //label=barinase
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LOCATION: complement (738..1944)
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LOCATION: complement (1945..2281)
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NAME/KEY:
LOCATION: complement (2282..2554)

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OTHER INFORMATION: Bacillus amyloliquefaciens"
FEATURE:
NAME/KEY:
LOCATION: complement (2555..3099)
OTHER INFORMATION: //label=PTA29
OTHER INFORMATION: /note="promoter region of the PTA29 gene of
OTHER INFORMATION: Nicotiana tabacum"
FEATURE:
NAME/KEY:
LOCATION: 3100..3932
OTHER INFORMATION: //label=35S3
OTHER INFORMATION: /note="35S3" promoter sequence derived from
OTHER INFORMATION: cauliflower mosaic virus isolate CabDB-J1"
FEATURE:
NAME/KEY:
LOCATION: 3933..4484
OTHER INFORMATION: //label=bar
OTHER INFORMATION: /note="coding region of the phosphothiclin
OTHER INFORMATION: acetyltransferase gene"
FEATURE:
NAME/KEY:
LOCATION: 4485..4763
OTHER INFORMATION: //label=3'nos
FEATURE:
NAME/KEY:
LOCATION: 2333..2356
OTHER INFORMATION: //label=BXOL2
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OTHER INFORMATION: BXOL2"
FEATURE:
NAME/KEY:
LOCATION: complement (2538..2586)
OTHER INFORMATION: //label=TA29SBXOL2
OTHER INFORMATION: /note="region complementary to oligonucleotide
OTHER INFORMATION: TA29SBXOL2"
FEATURE:
NAME/KEY:
LOCATION: complement (2800..2823)
OTHER INFORMATION: //label=PTA29OL5
OTHER INFORMATION: /note="region complementary to part of
OTHER INFORMATION: oligonucleotide PTA29OL5"
US-09-025-583-17
Query Match 75.0%; Score 15; DB 2; Length 4808;
Best Local Similarity 100.0%; Pred. No. 67;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Oy 1 CAAACTAGCTCAAA 15
Db 984 CAAACTAGCTCAAA 970
RESULT 11
US-08-961-527-115/C
Sequence 115: Application US/08961527
Patent No. 6420135
GENERAL INFORMATION:
APPLICANT: Charles Kunsch
TITLE OF INVENTION: Streptococcus pneumoniae Polynucleotides and Sequences
NUMBER OF SEQUENCES: 391
CORRESPONDENCE ADDRESS:
ADDRESS: Human Genome Sciences, Inc.
STREET: 9410 Key West Avenue
CITY: Rockville
STATE: Maryland
COUNTRY: USA
ZIP: 20850
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.4mb storage
COMPUTER: HP Vectra 486/33
OPERATING SYSTEM: MSDOS version 6.2

```

SOFTWARE: ASCII Text  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/961,527  
FILING DATE:  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Brookes, A. Anders  
REGISTRATION NUMBER: 36,373  
REFERENCE/DOCKET NUMBER: PB340P1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (301) 309-8504  
TELEFAX: (301) 309-8512  
INFORMATION FOR SEQ ID NO: 115:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 11303 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
US-08-961-527-115

Query Match 74.0%; Score 14.8; DB 4; Length 11303;  
Best Local Similarity 88.9%; Pred. No. 98;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1 CAAACTAGGTCAGCAAGT 18  
Db 7784 CAAACCAAGTCAGGCT 7767

RESULT 12  
US-09-146-053-7/C  
Sequence 7, Application US/09146053A  
Patent No. 6399349  
GENERAL INFORMATION:  
APPLICANT: Ryan, James W.  
APPLICANT: Sprinkle, Terry Joe Curtis  
APPLICANT: Venema, Richard C.  
TITLE OF INVENTION: Human Amino-peptidase P Gene  
FILE REFERENCE: MCG103  
CURRENT APPLICATION NUMBER: US/09/146,053A  
CURRENT FILING DATE: 1998-09-02  
EARLIER APPLICATION NUMBER: 60/057,854  
EARLIER FILING DATE: 1997-09-02  
NUMBER OF SEQ ID NOS: 7  
SOFTWARE: Patentln Ver. 2.0  
SEQ ID NO 7  
LENGTH: 16595  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-146-053-7

Query Match 74.0%; Score 14.8; DB 4; Length 16595;  
Best Local Similarity 88.9%; Pred. No. 1e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 3 AAACAGGTCAGCAAGTCA 20  
Db 1472 AAACAGGTCAGTGTCA 1455

RESULT 13  
US-09-328-111-128/C  
Sequence 128, Application US/093281111  
Patent No. 6262333  
GENERAL INFORMATION:  
APPLICANT: Endege, Wilson O.  
APPLICANT: Steilmann, Kathleen E.  
APPLICANT: Astle, Jon H.  
APPLICANT: Burgess, Christopher C.  
APPLICANT: Bushnell, Steven E.

APPLICANT: Carroll III, Eddie  
APPLICANT: Catino, Theodore J.  
APPLICANT: Dertlo, Adnan  
APPLICANT: Ford, Donna M.  
APPLICANT: Lewis, Marcia E.  
APPLICANT: Monahan, John E.  
APPLICANT: Schlegel, Robert  
TITLE OF INVENTION: NOVEL HUMAN GENES AND GENE EXPRESSION  
FILE REFERENCE: CCD-257 (US)  
CURRENT APPLICATION NUMBER: US/09/328,111  
CURRENT FILING DATE: 1999-06-08  
EARLIER APPLICATION NUMBER: US 60/088,801  
EARLIER FILING DATE: 1998-06-10  
NUMBER OF SEQ ID NOS: 850  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 128  
LENGTH: 865  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: (1)...(865)  
OTHER INFORMATION: n = A,T,C or G  
US-09-328-111-128

Query Match 71.0%; Score 14.2; DB 4; Length 865;  
Best Local Similarity 80.0%; Pred. No. 1.3e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 1 CAAACTAGGTCAGCAAGTCA 20  
Db 595 CAAATAAGCAAGGCGCA 576

RESULT 14  
US-09-394-110A-3  
Sequence 3, Application US/09394110A  
Patent No. 6451594  
GENERAL INFORMATION:  
APPLICANT: Chien, Kenneth  
APPLICANT: Wang, Yibin  
APPLICANT: Evans, Sylvia  
TITLE OF INVENTION: No. 6451594e1 Recombinant Adenovirus for Tissue Specific Exp  
FILE REFERENCE: 6627-PAB045  
CURRENT APPLICATION NUMBER: US/09/394,110A  
CURRENT FILING DATE: 1999-09-10  
NUMBER OF SEQ ID NOS: 3  
SOFTWARE: Patentln version 3.0  
SEQ ID NO 3  
LENGTH: 1026  
TYPE: DNA  
ORGANISM: Mus musculus  
US-09-394-110A-3

Query Match 71.0%; Score 14.2; DB 4; Length 1026;  
Best Local Similarity 84.2%; Pred. No. 1.4e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2 AAACAGGTCAGCAAGTCA 20  
Db 233 AAACAGGTCAGCAAGTCA 251

RESULT 15  
US-09-724-864-16  
Sequence 16, Application US/09724864  
Patent No. 6380362  
GENERAL INFORMATION:  
APPLICANT: Watson, James D.  
APPLICANT: Murison, James G.  
TITLE OF INVENTION: Polynucleotides, polypeptides expressed  
by the polynucleotides and methods for their use.

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? FILE REFERENCE: 11000.1050U1
? CURRENT APPLICATION NUMBER: US/09/724, 864
? CURRENT FILING DATE: 2000-11-28
? PRIOR APPLICATION NUMBER: U.S. NO. 6380362 60/171, 678
? PRIOR FILING DATE: 1999-12-23
? NUMBER OF SEQ ID NOS: 72
? SOFTWARE: FastSeq for Windows Version 4.0
? SEQ ID NO 16
? LENGTH: 1288
? TYPE: DNA
? ORGANISM: Mouse
US-09-724-864-16

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Query Match	71.0%;	Score 14.2;	DB 4;	Length 1288;
Best Local Similarity	84.2%;	Pred. No. 1.4e+02;		
Matches 16;	Conservative 0;	Mismatches 3;	Indels 0;	Gaps 0;

**Oy**      2    AAACCTAGCTCAAGGTCA    20  
         || | | | | | | | |  
**Db**     896   AATCTGGGTCAAAGGACA    914

Search completed: June 13, 2003, 20:57:53  
Job time : 3.72085 secs



GenCore version 5.1.6  
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OM nucleic - nucleic search, using sw model

Run on: June 13, 2003, 20:58:18 ; Search time 5.64193 Seconds  
(without alignments)  
5133.209 Million cell updates/sec

Title: US-09-808-388-1

Perfect score: 20

Sequence: 1 caaactagctcaagtgca 20

Scoring table: IDENTITY NUC

Gapop 10.0, Gapext 1.0

Searched: 1029858 seqs, 724030393 residues

Total number of hits satisfying chosen parameters: 2059716

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Published Applications\_NA:\*

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12: /cgn2\_6/ptodata/2/pubpna/US10\_PUBCOMB.seq:\*  
13: /cgn2\_6/ptodata/2/pubpna/US60\_NEW\_PUB.seq:\*  
14: /cgn2\_6/ptodata/2/pubpna/US60\_PUBCOMB.seq:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match Length	ID	Description
1	20	100.0	US-09-877-705A-67	Sequence 67, App1
2	20	100.0	US-09-877-705A-68	Sequence 68, App1
3	20	100.0	US-09-877-738A-67	Sequence 67, App1
4	20	100.0	US-09-877-738A-68	Sequence 68, App1
5	20	100.0	US-09-808-388-1	Sequence 1, App1
6	20	100.0	US-09-808-388-2	Sequence 2, App1
7	20	100.0	US-09-808-388-3	Sequence 3, App1
8	20	100.0	US-09-808-388-4	Sequence 4, App1
9	20	100.0	US-09-877-705A-142	Sequence 142, App
10	20	100.0	US-09-877-738A-142	Sequence 142, App
11	20	100.0	US-09-808-388-6	Sequence 6, App1
12	17	85.0	US-10-113-877-133	Sequence 133, App
13	16.8	84.0	US-09-764-891-72	Sequence 72, App
14	16.4	82.0	US-10-153-668-389	Sequence 389, App
15	16.4	82.0	US-10-153-668-383	Sequence 383, App
16	16.4	82.0	US-10-153-668-385	Sequence 385, App
17	16.4	82.0	US-10-153-668-387	Sequence 387, App
18	16.4	82.0	US-10-153-668-391	Sequence 391, App
19	16.4	82.0	US-10-102-806-179	Sequence 179, App

C 20	16.4	82.0	5516	9	US-10-153-668-271	Sequence 271, App
C 21	15.8	79.0	878	9	US-10-198-846-13893	Sequence 13893, A
C 22	15.8	79.0	6158	9	US-09-764-891-8513	Sequence 8513, Ap
C 23	15.4	77.0	55795	10	US-09-880-107-1543	Sequence 1543, Ap
C 24	15.2	76.0	171	10	US-09-864-761-29451	Sequence 29451, A
C 25	15.2	76.0	272	10	US-09-294-0938-1029	Sequence 1029, Ap
C 26	15.2	76.0	292	9	US-10-091-572-94	Sequence 94, App1
C 27	15.2	76.0	292	9	US-09-764-891-740	Sequence 740, App
C 28	15.2	76.0	434	9	US-10-091-572-657	Sequence 657, App
C 29	15.2	76.0	434	9	US-09-764-891-6818	Sequence 6818, App
C 30	15.2	76.0	458	9	US-09-918-995-10018	Sequence 10018, A
C 31	15.2	76.0	467	9	US-09-918-995-13224	Sequence 13224, A
C 32	15.2	76.0	573	10	US-09-864-761-12888	Sequence 12888, A
C 33	15.2	76.0	618	10	US-09-770-149-804	Sequence 804, App
C 34	15.2	76.0	1021	10	US-09-881-752A-241	Sequence 241, App
C 35	15.2	76.0	2000	9	US-09-938-842A-4842	Sequence 4842, App
C 36	15.2	76.0	2113	9	US-10-153-668-319	Sequence 319, App
C 37	15.2	76.0	3435	10	US-09-917-800A-1480	Sequence 1480, Ap
C 38	15.2	76.0	5129	9	US-09-938-842A-1803	Sequence 1803, Ap
C 39	15.2	76.0	12963	9	US-10-074-045-64	Sequence 64, App1
C 40	15.2	76.0	14654	9	US-10-074-095-1054	Sequence 1054, Ap
C 41	15.2	76.0	14654	10	US-09-764-860-1054	Sequence 1054, Ap
C 42	15.2	76.0	14918	10	US-09-764-864-1766	Sequence 1766, Ap
C 43	15.2	76.0	29220	9	US-09-764-868-1312	Sequence 1312, Ap
C 44	15.2	76.0	29220	9	US-09-764-868-1313	Sequence 1313, Ap
C 45	15.2	76.0	1503841	9	US-09-946-807-1	Sequence 1, App1

## ALIGNMENTS

RESULT 1  
US-09-877-705A-67  
Sequence 67, Application US/09877705A  
Publication No. US2003008283A1  
GENERAL INFORMATION:  
APPLICANT: LI, Jason  
TITLE OF INVENTION: METHOD FOR SCREENING FOR DRUG CANDIDATES FOR MODULATING TRANSC  
FILE REFERENCE: 26757-704  
CURRENT APPLICATION NUMBER: US/09/877,705A  
CURRENT FILING DATE: 2001-08-16  
NUMBER OF SEQ ID NOS: 162  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 67  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial sequence  
FEATURE:  
OTHER INFORMATION: Transcription factor probe PP67  
US-09-877-705A-67

Query Match 100.0%; Score 20; DB 9; Length 20;  
Best Local Similarity 100.0%; Pred. NO. 0.79;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CAAACTAGCTCAAGTGCA 20  
|||||  
DB 1 CAAACTAGCTCAAGTGCA 20

RESULT 2  
US-09-877-705A-68/C  
Sequence 68, Application US/09877705A  
Publication No. US2003008283A1  
GENERAL INFORMATION:  
APPLICANT: LI, Jason  
TITLE OF INVENTION: METHOD FOR SCREENING FOR DRUG CANDIDATES FOR MODULATING TRANSC  
FILE REFERENCE: 26757-704  
CURRENT APPLICATION NUMBER: US/09/877,705A  
CURRENT FILING DATE: 2001-08-16  
NUMBER OF SEQ ID NOS: 162

SOFTWARE: Patentin version 3.1  
SEQ ID NO 68  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial sequence  
FEATURE:  
OTHER INFORMATION: Transcription factor probe PP68  
US-09-877-705A-68

Query Match 100.0%; Score 20; DB 9; Length 20;  
Best Local Similarity 100.0%; Pred. No. 0.79;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 CAAACTAGGTCAAGGTCA 20  
DB 20 CAAACTAGGTCAAGGTCA 1

#### RESULT 3

US-09-877-738A-67  
Sequence 67, Application US/09877738A  
Publication No. US20030022173A1  
GENERAL INFORMATION:

APPLICANT: Li, Jason

TITLE OF INVENTION: METHOD AND KIT FOR ISOLATING DNA PROBES THAT BIND TO ACTIVATED

FILE REFERENCE: 26757-701

CURRENT APPLICATION NUMBER: US/09/877,738A

CURRENT FILING DATE: 2001-06-01

NUMBER OF SEQ ID NOS: 162

SOFTWARE: Patentin version 3.1

SEQ ID NO 67

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial sequence

FEATURE:

OTHER INFORMATION: Transcription factor probe PP67

US-09-877-738A-67

Query Match 100.0%; Score 20; DB 9; Length 20;  
Best Local Similarity 100.0%; Pred. No. 0.79;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 CAAACTAGGTCAAGGTCA 20  
DB 1 CAAACTAGGTCAAGGTCA 20

#### RESULT 4

US-09-877-738A-68/C  
Sequence 68, Application US/09877738A  
Publication No. US20030022173A1  
GENERAL INFORMATION:

APPLICANT: Li, Jason  
TITLE OF INVENTION: METHOD AND KIT FOR ISOLATING DNA PROBES THAT BIND TO ACTIVATED

FILE REFERENCE: 26757-701  
CURRENT APPLICATION NUMBER: US/09/877,738A

CURRENT FILING DATE: 2001-06-01  
NUMBER OF SEQ ID NOS: 162

SOFTWARE: Patentin version 3.1

SEQ ID NO 68

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial sequence

FEATURE:

OTHER INFORMATION: Transcription factor probe PP68

US-09-877-738A-68

Query Match 100.0%; Score 20; DB 9; Length 20;  
Best Local Similarity 100.0%; Pred. No. 0.79;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 CAAACTAGGTCAAGGTCA 20  
DB 20 CAAACTAGGTCAAGGTCA 1

#### RESULT 5

US-09-808-388-1  
Sequence 1, Application US/09808388  
Patent No. US20020081719A1  
GENERAL INFORMATION:

APPLICANT: Massaad, Charbel

APPLICANT: Berenbaum, Francis

APPLICANT: Olivier, Jean-Luc

APPLICANT: Salvat, Colette

APPLICANT: Berezat, Gilbert

TITLE OF INVENTION: Inflammation Inducible Hybrid Promoters, Vectors Comprising th

FILE REFERENCE: ST000010

CURRENT APPLICATION NUMBER: US/09/808,388

CURRENT FILING DATE: 2001-09-20

PRIOR APPLICATION NUMBER: FR/00/03262

PRIOR FILING DATE: 2000-03-14

PRIOR APPLICATION NUMBER: US 60/196,959

PRIOR FILING DATE: 2000-04-13

NUMBER OF SEQ ID NOS: 7

SOFTWARE: Patentin version 3.0

SEQ ID NO 1

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial sequence

FEATURE:

OTHER INFORMATION: PRE element

US-09-808-388-1

Query Match 100.0%; Score 20; DB 10; Length 20;  
Best Local Similarity 100.0%; Pred. No. 0.79;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 CAAACTAGGTCAAGGTCA 20  
DB 1 CAAACTAGGTCAAGGTCA 20

#### RESULT 6

US-09-808-388-2  
Sequence 2, Application US/09808388  
Patent No. US20020081719A1  
GENERAL INFORMATION:

APPLICANT: Massaad, Charbel

APPLICANT: Berenbaum, Francis

APPLICANT: Olivier, Jean-Luc

APPLICANT: Salvat, Colette

APPLICANT: Berezat, Gilbert

TITLE OF INVENTION: Inflammation Inducible Hybrid Promoters, Vectors Comprising th

FILE REFERENCE: ST000010

CURRENT APPLICATION NUMBER: US/09/808,388

CURRENT FILING DATE: 2001-09-20

PRIOR APPLICATION NUMBER: FR/00/03262

PRIOR FILING DATE: 2000-03-14

PRIOR APPLICATION NUMBER: US 60/196,959

PRIOR FILING DATE: 2000-04-13

NUMBER OF SEQ ID NOS: 7

SOFTWARE: Patentin version 3.0

SEQ ID NO 2

LENGTH: 38

TYPE: DNA

ORGANISM: Artificial sequence

FEATURE:

OTHER INFORMATION: PRE element

US-09-808-388-2

Query Match 100.0%; Score 20; DB 10; Length 38;

Best Local Similarity 100.0%; Pred. No. 0.87;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 CAAACTAGGTCAAGGTCA 20  
Db 1 CAAACTAGGTCAAGGTCA 20

## RESULT 7

US-09-808-388-3  
; Sequence 3, Application US/09808388  
; Patent No. US20020081719A1  
; GENERAL INFORMATION:  
; APPLICANT: Massaad, Charbel  
; APPLICANT: Berendaum, Francis  
; APPLICANT: Olivier, Jean-Luc  
; APPLICANT: Salvat, Colette  
; APPLICANT: Berezat, Gilbert  
; TITLE OF INVENTION: Inflammation Inducible Hybrid Promoters, Vectors Comprising them  
; FILE REFERENCE: ST00010  
; CURRENT APPLICATION NUMBER: US/09/808.388  
; CURRENT FILING DATE: 2001-09-20  
; PRIOR APPLICATION NUMBER: FR/00/03262  
; PRIOR FILING DATE: 2000-03-14  
; PRIOR APPLICATION NUMBER: US 60/196,959  
; PRIOR FILING DATE: 2000-04-13  
; NUMBER OF SEQ ID NOS: 7  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 3  
; LENGTH: 41  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: PPRE element  
US-09-808-388-3

Query Match 100.0%; Score 20; DB 10; Length 41;  
Best Local Similarity 100.0%; Pred. No. 0.88;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 CAAACTAGGTCAAGGTCA 20  
Db 1 CAAACTAGGTCAAGGTCA 20

## RESULT 8

US-09-808-388-4  
; Sequence 4, Application US/09808388  
; Patent No. US20020081719A1  
; GENERAL INFORMATION:  
; APPLICANT: Massaad, Charbel  
; APPLICANT: Berendaum, Francis  
; APPLICANT: Olivier, Jean-Luc  
; APPLICANT: Salvat, Colette  
; APPLICANT: Berezat, Gilbert  
; TITLE OF INVENTION: Inflammation Inducible Hybrid Promoters, Vectors Comprising them  
; FILE REFERENCE: ST00010  
; CURRENT APPLICATION NUMBER: US/09/808.388  
; CURRENT FILING DATE: 2001-09-20  
; PRIOR APPLICATION NUMBER: FR/00/03262  
; PRIOR FILING DATE: 2000-03-14  
; PRIOR APPLICATION NUMBER: US 60/196,959  
; PRIOR FILING DATE: 2000-04-13  
; NUMBER OF SEQ ID NOS: 7  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 4  
; LENGTH: 52  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: PPRE element

US-09-808-388-4

Query Match 100.0%; Score 20; DB 10; Length 52;  
Best Local Similarity 100.0%; Pred. No. 0.91;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 CAAACTAGGTCAAGGTCA 20  
Db 1 CAAACTAGGTCAAGGTCA 20

## RESULT 9

US-09-877-705A-142/c  
; Sequence 142, Application US/09877705A  
; Publication No. US2003008283A1  
; GENERAL INFORMATION:  
; APPLICANT: Li, Jason  
; TITLE OF INVENTION: METHOD FOR SCREENING FOR DRUG CANDIDATES FOR MODULATING TRANSC  
; FILE REFERENCE: 26757-704  
; CURRENT APPLICATION NUMBER: US/09/877,705A  
; CURRENT FILING DATE: 2001-08-16  
; NUMBER OF SEQ ID NOS: 162  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 142  
; LENGTH: 60  
; TYPE: DNA  
; ORGANISM: Artificial sequence  
; FEATURE:  
; OTHER INFORMATION: Hybridization probe MP68  
US-09-877-705A-142

Query Match 100.0%; Score 20; DB 9; Length 60;  
Best Local Similarity 100.0%; Pred. No. 0.93;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 CAAACTAGGTCAAGGTCA 20  
Db 60 CAAACTAGGTCAAGGTCA 41

## RESULT 10

US-09-877-738A-142/c  
; Sequence 142, Application US/09877738A  
; Publication No. US20030022173A1  
; GENERAL INFORMATION:  
; APPLICANT: Li, Jason  
; TITLE OF INVENTION: METHOD AND KIT FOR ISOLATING DNA PROBES THAT BIND TO ACTIVATED  
; FILE REFERENCE: 26757-701  
; CURRENT APPLICATION NUMBER: US/09/877,738A  
; CURRENT FILING DATE: 2001-06-01  
; NUMBER OF SEQ ID NOS: 162  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 142  
; LENGTH: 60  
; TYPE: DNA  
; ORGANISM: Artificial sequence  
; FEATURE:  
; OTHER INFORMATION: Hybridization probe MP68  
US-09-877-738A-142

Query Match 100.0%; Score 20; DB 9; Length 60;  
Best Local Similarity 100.0%; Pred. No. 0.93;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 CAAACTAGGTCAAGGTCA 20  
Db 60 CAAACTAGGTCAAGGTCA 41

## RESULT 11

US-09-808-388-6

Sequence 6, Application US/09808388  
Patent No. US20020081719A1  
GENERAL INFORMATION:  
APPLICANT: Massaad, Charbel  
APPLICANT: Berenbaum, Francis  
APPLICANT: Olivier, Jean-Luc  
APPLICANT: Salvat, Colette  
APPLICANT: Bezeziac, Gilbert  
TITLE OF INVENTION: Inflammation Inducible Hybrid Promoters, Vectors Comprising them  
FILE REFERENCE: SF00010  
CURRENT APPLICATION NUMBER: US/09/808,388  
PRIORITY FILING DATE: 2001-09-20  
PRIORITY FILING DATE: 2000-03-14  
PRIORITY FILING DATE: 2000-04-13  
NUMBER OF SEQ ID NOS: 7  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 6  
LENGTH: 332  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: pPRE/PLA2s hybrid promoter  
US-09-808-388-6

Query Match 100.0%; Score 20; DB 10; Length 332;  
Best Local Similarity 100.0%; Pred. No. 1.2;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 CAAGCTAGGTCAAGGTCA 20  
DB 13 CAAGCTAGGTCAAGGTCA 32

RESULT 12  
US-10-113-877-133  
Sequence 133, Application US/10113877  
Patent No. US20020177218A1  
GENERAL INFORMATION:  
APPLICANT: Fang, Yu  
APPLICANT: Wang, Xiao-Yang  
APPLICANT: Turpin, Pierre  
TITLE OF INVENTION: Methods of detecting multiple DNA  
TITLE OF INVENTION: binding protein and DNA interactions in a sample, and  
FILE REFERENCE: CLON-071  
CURRENT APPLICATION NUMBER: US/10/113,877  
PRIORITY FILING DATE: 2002-03-29  
PRIORITY FILING DATE: 2001-03-30  
PRIORITY FILING DATE: 2001-08-20  
NUMBER OF SEQ ID NOS: 192  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 133  
LENGTH: 25  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: oligonucleotide  
US-10-113-877-133

Query Match 85.0%; Score 17; DB 9; Length 25;  
Best Local Similarity 100.0%; Pred. No. 26;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 4 AACTAGTCAAGGTCA 20  
DB 3 AACTAGTCAAGGTCA 19

RESULT 13  
US-09-764-891-72/C  
Sequence 72, Application US/09764891  
Publication No. US20030077808A1  
GENERAL INFORMATION:  
APPLICANT: Rosen et al.  
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antbodies  
FILE REFERENCE: PC006  
CURRENT APPLICATION NUMBER: US/09/764,891  
PRIORITY FILING DATE: 2001-01-17  
Prior application data removed - consult PALM or file wrapper  
NUMBER OF SEQ ID NOS: 10231  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 72  
LENGTH: 506  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: SITE  
LOCATION: (458)  
OTHER INFORMATION: n equals a,t,g, or c  
NAME/KEY: SITE  
LOCATION: (475)  
OTHER INFORMATION: n equals a,t,g, or c  
US-09-764-891-72

Query Match 84.0%; Score 16.8; DB 9; Length 506;  
Best Local Similarity 90.0%; Pred. No. 51;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1 CAAGCTAGGTCAAGGTCA 20  
DB 413 CAAGCTAGGTCAAGGTCA 394

RESULT 14  
US-10-153-668-389/C  
Sequence 389, Application US/10153668  
Publication No. US20030092616A1  
GENERAL INFORMATION:  
APPLICANT: HONDA, Goichil  
APPLICANT: MATSUDA, Akio  
APPLICANT: MURAMATSU, Shuji  
APPLICANT: ISHIZAWA, Kenya  
TITLE OF INVENTION: STAT Activating Gene  
FILE REFERENCE: 1254-0207P  
CURRENT APPLICATION NUMBER: US/10/153,668  
PRIORITY FILING DATE: 2002-05-24  
PRIORITY FILING DATE: 2001-05-25  
PRIORITY FILING DATE: 2001-03-16, 031  
PRIORITY FILING DATE: 2001-08-31  
PRIORITY FILING DATE: 2001-10-12  
PRIORITY FILING DATE: 2001-157043  
PRIORITY FILING DATE: 2001-05-25  
PRIORITY FILING DATE: 2001-260681  
PRIORITY FILING DATE: 2001-08-30  
PRIORITY FILING DATE: 2001-313175  
PRIORITY FILING DATE: 2001-10-10  
NUMBER OF SEQ ID NOS: 488  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 389  
LENGTH: 2286  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: CDS  
LOCATION: (210)..(1412)  
US-10-153-668-389

Query Match 82.0%; Score 16.4; DB 9; Length 2286;  
Best Local Similarity 94.4%; Pred. No. 99;

Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3 AAACAGTCACAAGGTCA 20  
||||| |||||||  
Db 1603 AAACAGTCACAAGGTCA 1586

## RESULT 15

US-10-153-668-383/C  
; Sequence 383, Application US/10153668  
; Publication No. US20030092616A1  
; GENERAL INFORMATION:  
; APPLICANT: HONDA, Goichi  
; APPLICANT: MATSUDA, Akio  
; APPLICANT: MURAMATSU, Shuji  
; APPLICANT: ISHIZAMA, Kenya  
; TITLE OF INVENTION: STAT6 Activating Gene  
; FILE REFERENCE: 1254-0207P  
; CURRENT APPLICATION NUMBER: US/10/153,668  
; CURRENT FILING DATE: 2002-05-24  
; PRIOR APPLICATION NUMBER: US 60/293,172  
; PRIOR FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/316,031  
; PRIOR FILING DATE: 2001-08-31  
; PRIOR APPLICATION NUMBER: US 60/328,403  
; PRIOR FILING DATE: 2001-10-12  
; PRIOR APPLICATION NUMBER: JP 2001-157043  
; PRIOR FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: JP 2001-260681  
; PRIOR FILING DATE: 2001-08-30  
; PRIOR APPLICATION NUMBER: JP 2001-313175  
; PRIOR FILING DATE: 2001-10-10  
; NUMBER OF SEQ ID NOS: 488  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 383  
; LENGTH: 2473  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: (247)..(1599)  
US-10-153-668-383

Query Match 82.0%; Score 16.4; DB 9; Length 2473;  
Best Local Similarity 94.4%; Pred. No. 1e+02;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3 AAACAGTCACAAGGTCA 20  
||||| |||||||  
Db 1790 AAACAGTCACAAGGTCA 1773

Search completed: June 14, 2003, 01:26:02  
Job time : 8.64193 secs



GenCore version 5.1.6  
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OM nucleic - nucleic search, using sw model

Run on: June 13, 2003, 20:00:53 ; Search time 5.16961 Seconds  
(without alignments)  
2254.273 Million cell updates/sec

Title: US-09-808-388-2  
Perfect score: 38  
Sequence: 1 caaactagtcacaggtcaaacactagtcacaggtca 38

Scoring table: IDENTITY\_NUC  
Gapop 10.0 ; Gapext 1.0

Searched: 441362 seqs, 153338381 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0  
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Issued\_Patents\_NA:\*  
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2: /cgn2\_6/ptodata/2/ina/5B.COMB.seq:\*  
3: /cgn2\_6/ptodata/2/ina/6A.COMB.seq:\*  
4: /cgn2\_6/ptodata/2/ina/6B.COMB.seq:\*  
5: /cgn2\_6/ptodata/2/ina/PCITUS.COMB.seq:\*  
6: /cgn2\_6/ptodata/2/ina/backfile1.seq:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match Length	ID	Description
1	22	57.9	5910 1 US-08-195-814-1	Sequence 1, Appli
2	22	57.9	5910 1 US-08-195-814-1	Sequence 1, Appli
3	20.4	53.7	3539 4 US-09-1245-248B-59	Sequence 59, Appli
4	20.4	53.7	3853 4 US-09-1245-248B-53	Sequence 53, Appli
5	20.4	53.7	4797 4 US-09-1419-568F-25	Sequence 25, Appli
6	20.4	53.7	4797 4 US-09-1354-243B-25	Sequence 25, Appli
7	20.2	53.2	11443 4 US-08-1961-527-49	Sequence 49, Appli
8	19.6	51.6	2991 3 US-08-1795-430-48	Sequence 48, Appli
9	19.6	51.6	2991 3 US-09-355-700-48	Sequence 48, Appli
10	19.6	51.6	152331 3 US-09-128-155-16	Sequence 16, Appli
11	19.6	51.6	176373 3 US-09-128-155-17	Sequence 17, Appli
12	19.4	51.1	321 1 US-08-322-742-11	Sequence 11, Appli
13	19.4	51.1	571 1 US-08-322-742-14	Sequence 14, Appli
14	19.4	51.1	3592 3 US-08-714-918-63	Sequence 63, Appli
15	19.4	51.1	3592 4 US-09-265-315-63	Sequence 63, Appli
16	19.4	51.1	3592 4 US-09-265-315-63	Sequence 63, Appli
17	19.4	51.1	3592 4 US-09-266-417-63	Sequence 63, Appli
18	19.4	51.1	6464 1 US-08-321-478-2	Sequence 2, Appli
19	19.4	51.1	6464 1 US-08-321-478-2	Sequence 2, Appli
20	19.4	51.1	6464 1 US-08-321-478-6	Sequence 6, Appli
21	19.4	51.1	1288 4 US-09-724-864-16	Sequence 16, Appli
22	19.4	51.1	1846 4 US-09-336-536-37	Sequence 37, Appli
23	18.8	49.5	2403 1 US-08-454-720A-41	Sequence 41, Appli
24	18.8	49.5	3061 2 US-08-692-787-47	Sequence 47, Appli
25	18.8	49.5	3061 2 US-09-097-199-47	Sequence 47, Appli
26	18.8	49.5	3537 4 US-08-245-248B-58	Sequence 58, Appli
27	18.6	48.9	122 4 US-09-437-457-3	Sequence 3, Appli

C 28	18.6	48.9	1506 2	US-08-663-566A-8	Sequence 8, Appli
C 29	18.6	48.9	1506 2	US-08-023-610-8	Sequence 8, Appli
C 30	18.6	48.9	1506 2	US-08-288-065A-8	Sequence 8, Appli
C 31	18.6	48.9	1506 2	US-08-362-240A-8	Sequence 8, Appli
C 32	18.6	48.9	1506 4	US-08-804-372A-6	Sequence 6, Appli
C 33	18.6	48.9	1506 5	PCT-US95-10245-16	Sequence 8, Appli
C 34	18.6	48.9	9707 4	US-08-961-527-164	Sequence 164, App
C 35	18.6	48.9	168575 4	US-09-426-290-1	Sequence 1, Appli
C 36	18.4	48.4	448 2	US-08-967-101-106	Sequence 106, App
C 37	18.4	48.4	448 2	US-08-592-541-106	Sequence 106, App
C 38	18.4	48.4	448 3	US-09-124-698-106	Sequence 106, App
C 39	18.4	48.4	448 4	US-09-127-480-106	Sequence 106, App
C 40	18.4	48.4	448 4	US-08-496-841C-106	Sequence 106, App
C 41	18.4	48.4	448 4	US-09-124-523-106	Sequence 106, App
C 42	18.4	48.4	736 2	US-08-967-101-112	Sequence 12, Appli
C 43	18.4	48.4	736 2	US-08-967-101-155	Sequence 155, App
C 44	18.4	48.4	736 2	US-08-592-541-12	Sequence 12, Appli
C 45	18.4	48.4	736 2	US-08-592-541-155	Sequence 155, App

## ALIGNMENTS

RESULT 1  
US-08-195-814-1  
Sequence 1, Application US/08195814  
Patent No. 5547869  
GENERAL INFORMATION:  
APPLICANT: DUMAS, BRUNO; GERVAYS, MONICA;  
APPLICANT: BERGION, MAX; JOURDAN, MIRETTE; JOUSSET,  
APPLICANT: FRANCOISE XAVIERE  
TITLE OF INVENTION: NOVEL PLASMIDS  
NUMBER OF SEQUENCES: 1  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: BIERMAN AND MUSERLIAN  
STREET: 600 THIRD AVENUE  
CITY: NEW YORK  
STATE: NEW YORK  
COUNTRY: USA  
ZIP: 10016  
COMPUTER READABLE FORM:  
MEDIUM TYPE: FLOPPY DISK  
COMPUTER: IBM PC COMPATIBLE  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WORDPERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/195,814  
FILING DATE: 14-FEB-1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/881,054  
FILING DATE: 11-MAY-1992  
APPLICATION NUMBER: 07/278,735  
FILING DATE: 2-DEC-1988  
ATTORNEY/AGENT INFORMATION:  
NAME: CHARLES A. MUSERLIAN  
REGISTRATION NUMBER: 19,683  
REFERENCE/DOCKET NUMBER: 146,1029-1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 661-8000  
TELEFAX: (212) 661-8002  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 5910  
TYPE: NUCLEIC ACID  
STRANDEDNESS: UNKNOWN  
TOPOLOGY: UNKNOWN  
MOLECULE TYPE: CDNA  
HYPOTHETICAL: NO  
ORIGINAL SOURCE:  
ORGANISM: DENSOVIRUS  
STRAIN: DENSOVIRUS OF JUNONIA  
INDIVIDUAL ISOLATE:

```
DEVELOPMENTAL STAGE: LARVAE
HAPOTYPE:
TISSUE TYPE:
CELL TYPE: SPODOPTERA LITTORALIS
CELL LINE:
ORGANELLE:
FEATURE:
LOCATION: 1
OTHER INFORMATION: N IS A OR C OR G OR T,
OTHER INFORMATION: WHEREIN N IS ZERO TO 50 NUCLEOTIDES IN LENGTH
FEATURE:
LOCATION: 1657
OTHER INFORMATION: M IS A OR C
FEATURE:
LOCATION: 5619
OTHER INFORMATION: Y IS C OR T
FEATURE:
LOCATION: 5910
OTHER INFORMATION: N IS A OR C OR G OR T,
OTHER INFORMATION: WHEREIN N IS ZERO TO 130 NUCLEOTIDES IN LENGTH
US-08-195-814-1

Query Match 57.9%; Score 22; DB 1; Length 5910;
Best Local Similarity 73.7%; Pred. No. 7.3;
Matches 28; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY 1 CAAACTAGGTCAAGGTCAAACTAGGTCAAGGTCA 38
Db 5804 CAGAGTAGGTCAAGGTCAATAGAGGTCAAGGTCA 5841

RESULT 2
US-08-195-814-1/c
Sequence 1, Application US/08195814
Patent No. 5547869
GENERAL INFORMATION:
APPLICANT: DUMAS, BRUNO; GERAIS, MONICA;
APPLICANT: BERGON, MAX; JOURDAN, MIRETTE; JOUSSET,
APPLICANT: FRANCOISE XAVIERE
TITLE OF INVENTION: NOVEL PLASMIDS
NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN AND MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/195,814
FILING DATE: 14-FEB-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/881,054
FILING DATE: 11-MAY-1992
APPLICATION NUMBER: 07/278,735
FILING DATE: 2-DEC-1988
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 146,1029-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8002
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 5910
TYPE: NUCLEIC ACID
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STRANDEDNESS: UNKNOWN
TOPOLOGY: UNKNOWN
MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
ORIGINAL SOURCE:
ORGANISM: DENVOSIVIRUS
STRAIN: DENVOSIVIRUS OF JUNONIA
INDIVIDUAL ISOLATE:
DEVELOPMENTAL STAGE: LARVAE
HAPOTYPE:
TISSUE TYPE:
CELL TYPE: SPODOPTERA LITTORALIS
CELL LINE:
ORGANELLE:
FEATURE:
LOCATION: 1
OTHER INFORMATION: N IS A OR C OR G OR T,
OTHER INFORMATION: WHEREIN N IS ZERO TO 50 NUCLEOTIDES IN LENGTH
FEATURE:
LOCATION: 1657
OTHER INFORMATION: M IS A OR C
FEATURE:
LOCATION: 5619
OTHER INFORMATION: Y IS C OR T
FEATURE:
LOCATION: 5910
OTHER INFORMATION: N IS A OR C OR G OR T,
OTHER INFORMATION: WHEREIN N IS ZERO TO 130 NUCLEOTIDES IN LENGTH
US-08-195-814-1

Query Match 57.9%; Score 22; DB 1; Length 5910;
Best Local Similarity 73.7%; Pred. No. 7.3;
Matches 28; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY 1 CAAACTAGGTCAAGGTCAAACTAGGTCAAGGTCA 38
Db 195 CAGAGTAGGTCAAGGTCAATAGAGGTCAAGGTCA 158

RESULT 3
US-09-245-248B-59
Sequence 59, Application US/09245248B
Patent No. 6395472
GENERAL INFORMATION:
APPLICANT: Abbott Laboratories
APPLICANT: Leary, Thomas
APPLICANT: Etker, James
APPLICANT: Chalmers, Michelle
APPLICANT: Simons, John
APPLICANT: Birkenmeyer, Larry
APPLICANT: Muertthoff, Scott
APPLICANT: Pilot-Matias, Tami
APPLICANT: Desai, Suresh
APPLICANT: Mushahwar, Isa
TITLE OF INVENTION: METHODS OF UTILIZING THE TT VIRUS
FILE REFERENCE: 6461.US.O1
CURRENT APPLICATION NUMBER: US/09/245,248B
CURRENT FILING DATE: 1999-02-05
NUMBER OF SEQ ID NOS: 71
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 59
LENGTH: 3539
TYPE: DNA
ORGANISM: Homo sapien
US-09-245-248B-59

Query Match 53.7%; Score 20.4; DB 4; Length 3539;
Best Local Similarity 80.0%; Pred. No. 27;
Matches 24; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 9 GGTCAAGGTCAAACTAGGTCAAGGTCA 38
Db 3462 GGTCAAGGTCAAGGTCAAGGTCAAGGTCA 3491
```



## RESULT 4

US-09-245-248B-53  
: Sequence 53, Application US/09245248B  
: Patent No. 6393472  
: GENERAL INFORMATION:  
: APPLICANT: Abbott Laboratories  
: APPLICANT: Leary, Thomas  
: APPLICANT: Erker, James  
: APPLICANT: Chalmers, Michelle  
: APPLICANT: Simons, John  
: APPLICANT: Birkmeyer, Larry  
: APPLICANT: Muehrhoff, Scott  
: APPLICANT: Pilot-Matias, Tami  
: APPLICANT: Desai, Suresh  
: APPLICANT: Mushahwar, Isa  
: TITLE OF INVENTION: METHODS OF UTILIZING THE TT VIRUS  
: FILE REFERENCE: 6461.US.01  
: CURRENT APPLICATION NUMBER: US/09/245,248B  
: CURRENT FILING DATE: 1999-02-05  
: NUMBER OF SEQ ID NOS: 71  
: SOFTWARE: FastSeq for Windows Version 4.0  
: SEQ ID NO 53  
: LENGTH: 3853  
: TYPE: DNA  
: ORGANISM: Homo sapien  
US-09-245-248B-53

Query Match 53.7%; Score 20.4; DB 4; Length 3853;  
Best Local Similarity 80.0%; Pred. No. 27;  
Matches 24; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 9 GGTCAAGGTCAAAAGTCAAGTCA 38  
DB 3568 GGTCAAGGTCACTGCTCATATGTCGA 3597

## RESULT 5

US-09-419-568F-25  
: Sequence 25, Application US/09419568F  
: Patent No. 6331613  
: GENERAL INFORMATION:  
: APPLICANT: Dumoutier, Laure  
: APPLICANT: Renaud, Jamila  
: APPLICANT: Renaud, Jean-Christophe  
: TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fac  
: FILE REFERENCE: LUD 5543.2  
: CURRENT APPLICATION NUMBER: US/09/419,568F  
: CURRENT FILING DATE: 1999-10-18  
: PRIOR APPLICATION NUMBER: US09/354,243  
: PRIOR FILING DATE: 1999-07-16  
: PRIOR APPLICATION NUMBER: US09/178,973  
: PRIOR FILING DATE: 1998-10-26  
: NUMBER OF SEQ ID NOS: 29  
: SEQ ID NO 25  
: LENGTH: 4797  
: TYPE: DNA  
: ORGANISM: Homo sapiens  
: FEATURE:  
US-09-419-568F-25

Query Match 53.7%; Score 20.4; DB 4; Length 4797;  
Best Local Similarity 80.0%; Pred. No. 28;  
Matches 24; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 2 AAAACTAGTCAAAAGTCAAAAGTCA 31  
DB 1788 AAACTAGTCACTGCTGAATCTAGTCA 1817

## RESULT 6

US-09-354-243B-25  
: Sequence 25, Application US/09354243B  
: Patent No. 6359117  
: GENERAL INFORMATION:  
: APPLICANT: Dumoutier, Laure  
: APPLICANT: Renaud, Jamila  
: APPLICANT: Renaud, Jean-Christophe  
: TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible  
: FILE REFERENCE: LUD 5543.1  
: CURRENT APPLICATION NUMBER: US/09/354,243B  
: CURRENT FILING DATE: 1999-07-16  
: PRIOR APPLICATION NUMBER: US09/178,973  
: PRIOR FILING DATE: 1998-10-26  
: NUMBER OF SEQ ID NOS: 29  
: SEQ ID NO 25  
: LENGTH: 4797  
: TYPE: DNA  
: ORGANISM: Homo sapiens  
: FEATURE:  
US-09-354-243B-25

Query Match 53.7%; Score 20.4; DB 4; Length 4797;  
Best Local Similarity 80.0%; Pred. No. 28;  
Matches 24; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 2 AAACTAGTCAAAAGTCAAAAGTCA 31  
DB 1788 AAACTAGTCACTGCTGAATCTAGTCA 1817

## RESULT 7

US-08-961-527-49  
: Sequence 49, Application US/08961527  
: Patent No. 6420135  
: GENERAL INFORMATION:  
: APPLICANT: Charles Kunsch  
: TITLE OF INVENTION: Streptococcus pneumoniae Polynucleotides and Sequences  
: NUMBER OF SEQUENCES: 391  
: CORRESPONDENCE ADDRESS:  
: ADDRESSEE: Human Genome Sciences, Inc.  
: STREET: 9410 Key West Avenue  
: CITY: Rockville  
: STATE: Maryland  
: COUNTRY: USA  
: ZIP: 20850  
: COMPUTER READABLE FORM:  
: MEDIUM TYPE: Diskette, 3.50 inch, 1.44mb storage  
: COMPUTER: HP Vectra 486/33  
: OPERATING SYSTEM: MSDOS version 6.2  
: SOFTWARE: ASCII Text  
: CURRENT APPLICATION DATA:  
: APPLICATION NUMBER: US/08/961,527  
: FILING DATE:  
: CLASSIFICATION: 424  
: PRIOR APPLICATION DATA:  
: APPLICATION NUMBER:  
: FILING DATE:  
: ATTORNEY/AGENT INFORMATION:  
: NAME: Brooks, A. Anders  
: REGISTRATION NUMBER: 36,373  
: REFERENCE/DOCKET NUMBER: PB340P1  
: TELECOMMUNICATION INFORMATION:  
: TELEPHONE: (301) 309-8504  
: TELEFAX: (301) 309-8512  
: INFORMATION FOR SEQ ID NO: 49:  
: SEQUENCE CHARACTERISTICS:  
: LENGTH: 11443 base pairs  
: TYPE: nucleic acid  
: STRANDEDNESS: double  
: TOPOLOGY: linear  
US-08-961-527-49

Query Match 53.2%; Score 20.2; DB 4; Length 11443;  
Best Local Similarity 75.8%; Pred. No. 38;  
Matches 25; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY 4 AACTAGGTCAAGGTCAAACTAGTCAAGGT 36  
DB 6901 AAAAGGTCAAGGTCAAACTAGTCAAGGT 6933

## RESULT 8

US-08-795-430-48/C  
Sequence 48, Application US/08795430  
Patent No. 6130071  
GENERAL INFORMATION:  
APPLICANT: Alltalo, Kari  
APPLICANT: Joukov, Vladimir  
TITLE OF INVENTION: Vascular Endothelial Growth Factor C (VEGF-C)  
NUMBER OF SEQUENCES: 57  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun  
STREET: 6300 Sears Tower, 233 South Wacker Drive  
CITY: Chicago  
STATE: Illinois  
COUNTRY: United States of America  
ZIP: 60606-6402  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/795,430  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/EP196/00427  
FILING DATE: 01-AUG-1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/671,573  
FILING DATE: 28-JUN-1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/601,132  
FILING DATE: 14-FEB-1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/585,895  
FILING DATE: 12-JAN-1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/510,133  
FILING DATE: 01-AUG-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/340,011  
FILING DATE: 14-NOV-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Gass, David A.  
REGISTRATION NUMBER: 38,153  
REFERENCE/DOCKET NUMBER: 28967/33691  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 312/474-6300  
TELEFAX: 312/474-0448  
TELEX: 25-3856  
INFORMATION FOR SEQ ID NO: 48:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 2991 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-795-430-48

Query Match 51.6%; Score 19.6; DB 3; Length 2991;  
Best Local Similarity 73.5%; Pred. No. 52;

Matches 25; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 1 CAAACTAGGTCAAGGTCAAACTAGTCAAG 34  
DB 1968 CAAAGTTGCAAAAGGTCACTATGTCAAG 1935

## RESULT 9

US-09-355-700-48/C  
Sequence 48, Application US/09355700  
Patent No. 6361946  
GENERAL INFORMATION:  
APPLICANT: Ludwig Institute for Cancer Research  
Helinski University Licensing  
Alltalo, Kari (U.S. only)  
Joukov, Vladimir (U.S. only)  
TITLE OF INVENTION: Vascular Endothelial Growth Factor C (VEGF-C)  
NUMBER OF SEQUENCES: 59  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun  
STREET: 6300 Sears Tower, 233 South Wacker Drive  
CITY: Chicago  
STATE: Illinois  
COUNTRY: United States of America  
ZIP: 60606-6402  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/355,700  
FILING DATE: 05-NOV-1999  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/795,430  
FILING DATE: 05-FEB-1997  
APPLICATION NUMBER: PCT/EP196/00427  
FILING DATE: 01-AUG-1996  
APPLICATION NUMBER: 08/671,573  
FILING DATE: 28-JUN-1996  
APPLICATION NUMBER: 08/601,132  
FILING DATE: 14-FEB-1996  
APPLICATION NUMBER: 08/585,895  
FILING DATE: 12-JAN-1996  
APPLICATION NUMBER: 08/510,133  
FILING DATE: 01-AUG-1995  
APPLICATION NUMBER: 08/340,011  
FILING DATE: 14-NOV-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Gass, David A.  
REGISTRATION NUMBER: 38,153  
REFERENCE/DOCKET NUMBER: 28967/34140  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 312/474-6300  
TELEFAX: 312/474-0448  
TELEX: 25-3856  
INFORMATION FOR SEQ ID NO: 48:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 2991 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
SEQUENCE DESCRIPTION: SEQ ID NO: 48:  
US-09-355-700-48

Query Match 51.6%; Score 19.6; DB 4; Length 2991;  
Best Local Similarity 73.5%; Pred. No. 52;  
Matches 25; Conservative 0; Mismatches 9; Indels 0; Gaps 0;  
QY 1 CAAACTAGGTCAAGGTCAAACTAGTCAAG 34

DB 1968 CAAAGTTGGAAAAAGTCATCATATGTCAGAG 1935

## RESULT 10

US-09-128-155-16/c  
; Sequence 16, Application US/09128155  
; Patent No. 6117654  
; GENERAL INFORMATION:  
; APPLICANT: Pan, Yang  
; TITLE OF INVENTION: NOVEL MOLECULES OF TANGO-77 RELATED PROTEIN FAMILY  
; FILE REFERENCE: 09404/052001  
; CURRENT APPLICATION NUMBER: US/09/128,155  
; EARLIER FILING DATE: 1998-08-03  
; EARLIER APPLICATION NUMBER: US 60/091,650  
; EARLIER FILING DATE: 1998-07-02  
; EARLIER APPLICATION NUMBER: US 60/054,646  
; EARLIER FILING DATE: 1997-08-04  
; NUMBER OF SEQ ID NOS: 18  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 16  
; LENGTH: 152331  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: misc-feature  
; LOCATION: (1)...(152331)  
; OTHER INFORMATION: n = A,T,C or G  
US-09-128-155-16

## Query Match

51.6%; Score 19.6; DB 3; Length 152331;  
Best Local Similarity 73.5%; Pred. No. 94;  
Matches 25; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 5 ACTAGTCAAGGTCAAAACTAGGTCAAAAGTCA 38  
DB 143694 ACTAGTGATAGGCGCAGAGCTAGAGCCAGGTCA 143661

## RESULT 11

US-09-128-155-17  
; Sequence 17, Application US/09128155  
; Patent No. 6117654  
; GENERAL INFORMATION:  
; APPLICANT: Pan, Yang  
; TITLE OF INVENTION: NOVEL MOLECULES OF TANGO-77 RELATED PROTEIN FAMILY  
; FILE REFERENCE: 09404/052001  
; CURRENT APPLICATION NUMBER: US/09/128,155  
; EARLIER FILING DATE: 1998-08-03  
; EARLIER APPLICATION NUMBER: US 60/091,650  
; EARLIER FILING DATE: 1998-07-02  
; EARLIER APPLICATION NUMBER: US 60/054,646  
; EARLIER FILING DATE: 1997-08-04  
; NUMBER OF SEQ ID NOS: 18  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 17  
; LENGTH: 176373  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: misc-feature  
; LOCATION: (1)...(176373)  
; OTHER INFORMATION: n = A,T,C or G  
US-09-128-155-17

## Query Match

51.6%; Score 19.6; DB 3; Length 176373;  
Best Local Similarity 73.5%; Pred. No. 96;  
Matches 25; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 5 ACTAGTCAAGGTCAAAACTAGGTCAAAAGTCA 38  
DB 143694 ACTAGTGATAGGCGCAGAGCTAGAGCCAGGTCA 143661

DB 50297 ACTAGTGATAGGCGCAGAGCTAGAGCCAGGTCA 50330

## RESULT 12

US-08-322-742-11  
; Sequence 11, Application US/08322742  
; Patent No. 5688641  
; GENERAL INFORMATION:  
; APPLICANT: Sager, Ruth  
; TITLE OF INVENTION: CANCER DIAGNOSIS AND THERAPY  
; NUMBER OF SEQUENCES: 19  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Fish & Richardson  
; STREET: 225 Franklin Street  
; CITY: Boston  
; STATE: Massachusetts  
; COUNTRY: U.S.A.  
; ZIP: 02110-2804  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; COMPUTER: IBM PS/2 Model 50z or 55sx  
; OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)  
; SOFTWARE: Wordperfect (Version 5.1)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/322,742  
; FILING DATE:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 07/938,823  
; FILING DATE: September 1, 1992  
; APPLICATION NUMBER: 07/844,296  
; FILING DATE: February 28, 1992  
; APPLICATION NUMBER: 07/552,216  
; FILING DATE: February 28, 1991  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Fraser, Janis K.  
; REGISTRATION NUMBER: 34,819  
; REFERENCE/DOCKET NUMBER: 00530/048003  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (617) 542-5070  
; TELEFAX: (617) 542-8906  
; TELEX: 200154  
; INFORMATION FOR SEQ ID NO: 11:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 321  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
US-08-322-742-11

## Query Match

51.1%; Score 19.4; DB 1; Length 321;  
Best Local Similarity 70.3%; Pred. No. 43;  
Matches 26; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 1 CAAACTAGGTCAAAAGGTCAAAACTAGGTCAAAAGTGC 37  
DB 129 CAAAGTAAAGTCAAAAGCGCAGAGCCAGTCAAAAGTGC 165

## RESULT 13

US-08-322-742-14  
; Sequence 14, Application US/08322742  
; Patent No. 5688641  
; GENERAL INFORMATION:  
; APPLICANT: Sager, Ruth  
; TITLE OF INVENTION: CANCER DIAGNOSIS AND THERAPY  
; NUMBER OF SEQUENCES: 19  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Fish & Richardson  
; STREET: 225 Franklin Street  
; CITY: Boston  
; STATE: Massachusetts  
; COUNTRY: U.S.A.  
; ZIP: 02110-2804

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COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM PS/2 Model 502 or 55SX
OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)
SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/322,742
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/938, 823
FILING DATE: September 1, 1992
APPLICATION NUMBER: 07/844,296
FILING DATE: February 28, 1992
APPLICATION NUMBER: 07/552,216
FILING DATE: February 28, 1991
ATTORNEY/AGENT INFORMATION:
NAME: Fraser, Janis K.
REGISTRATION NUMBER: 34,819
REFERENCE/DOCKET NUMBER: 00530/048003
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-5070
TELEFAX: (617) 542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 571
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
US-08-322-742-14

Query Match 51.1%; Score 19.4; DB 1; Length 571;
Best Local Similarity 70.3%; Fred. NO. 47;
Matches 26; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 1 CAAACAGTACGTCAAGGTCAAAAGTACGTCAAGGTC 37
Db 184 CACAGTAAAGTCAAAAGCCGACAGACCACTCAAGGTC 220
|||||
RESULT 14
US-08-714-918-63
Sequence 63, Application US/08714918
Patent No. 6037123
GENERAL INFORMATION:
APPLICANT: Benton, Bret
APPLICANT: Lee, Vling
APPLICANT: Malouin, Francois
APPLICANT: Martin, Patrick K.
APPLICANT: Schmid, Molly B.
APPLICANT: Sun, Dongxu
TITLE OF INVENTION: STAPHYLOCOCCUS AUREUS ANTIBACTERIAL
TITLE OF INVENTION: TARGET GENES
NUMBER OF SEQUENCES: 111
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/714,918
FILING DATE: September 13, 1996
CLASSIFICATION: 424
PRIOR APPLICATION DATA:

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1 APPLICATION NUMBER: 60/009,102
2 FILING DATE: December 22, 1995
3 APPLICATION NUMBER: 60/003,798
4 FILING DATE: September 15, 1995
5 ATTORNEY/AGENT INFORMATION:
6 NAME: Warburg, Richard J.
7 REGISTRATION NUMBER: 32,327
8 REFERENCE/DOCKET NUMBER: 222/005
9 TELECOMMUNICATION INFORMATION:
10 TELEPHONE: (213) 489-1600
11 TELEFAX: (213) 955-0440
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TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510  
 INFORMATION FOR SEQ. ID NO: 63:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 3592 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-09-265-315-63

Query Match 51.1%; Score 19.4; DB 4; Length 3592;  
 Best Local Similarity 69.7%; Pred. No. 63;  
 Matches 23; Conservative 2; Mismatches 8; Indels 0; Gaps 0;

OY 6 CTAGGTCAAGGTCAAACTAGTCAAGGTCA 38  
 ||||| ||| ||| : ||| ||| |||  
 DB 1591 CTAGTAAATGTCMGAMTTAGATCAAACTCTTA 1623

Search completed: June 13, 2003, 20:57:54  
 Job time : 6.16961 secs



GenCore version 5.1.6  
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OM nucleic - nucleic search, using sw model

Run on: June 13, 2003, 20:58:18 ; Search time 10.7197 seconds  
(without alignments)  
5133.209 Million cell updates/sec

Title: US-09-808-388-2

Perfect score: 38

Sequence: 1 CAAACAGTCAAGTCAAGTCAAGTCAAGTCAAGTCA 38

Scoring table: IDENTITY\_NUC  
Gapop 10.0 , Gapext 1.0

Searched: 1029858 seqs, 724030393 residues

Total number of hits satisfying chosen parameters: 2059716

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Database : Published\_Applications.INA.\*

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3: /cgn2\_6/ptodata/2/pubpna/US06\_NEW\_PUB.seq:\*  
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6: /cgn2\_6/ptodata/2/pubpna/PCOTUS\_PUBCOMB.seq:\*  
7: /cgn2\_6/ptodata/2/pubpna/US08\_NEW\_PUB.seq:\*  
8: /cgn2\_6/ptodata/2/pubpna/US08\_PUBCOMB.seq:\*  
9: /cgn2\_6/ptodata/2/pubpna/US09\_NEW\_PUB.seq:\*  
10: /cgn2\_6/ptodata/2/pubpna/US09\_PUBCOMB.seq:\*  
11: /cgn2\_6/ptodata/2/pubpna/US10\_NEW\_PUB.seq:\*  
12: /cgn2\_6/ptodata/2/pubpna/US10\_PUBCOMB.seq:\*  
13: /cgn2\_6/ptodata/2/pubpna/US60\_NEW\_PUB.seq:\*  
14: /cgn2\_6/ptodata/2/pubpna/US60\_PUBCOMB.seq:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Match	Query Length	DB ID	Description
1	38	100.0	38	10	US-09-808-388-2
2	26	68.4	60	9	US-09-877-705A-142
3	26	68.4	60	9	US-09-877-738A-142
4	25	65.8	41	10	US-09-808-388-3
5	25	65.8	332	9	US-09-808-388-6
6	23.6	62.1	2113	9	US-10-153-668-319
7	21.6	56.8	3051	9	US-10-198-846-11260
8	21.6	56.8	397658	10	US-09-813-320-3
9	21.4	56.3	14654	9	US-10-074-095-1054
10	21.4	56.3	14654	10	US-09-764-860-1054
11	21	55.3	75899	10	US-09-854-883-243
12	20.6	54.2	10953	7	US-08-781-986A-62
13	20.4	53.7	3539	10	US-09-815-656-59
14	20.4	53.7	3853	10	US-09-815-656-53
15	20.4	53.7	4797	10	US-09-751-797-25
16	20.4	53.2	7332	9	US-10-171-581-96
17	20.2	53.2	52	10	US-09-808-388-4
18	20.2	53.2	94	10	US-09-294-093B-395
19	20.2	53.2	480	10	US-09-864-761-10963

20	20.2	53.2	3697	12	US-10-002-600-58	Sequence 58, Appl
21	20.2	53.2	55155	10	US-09-735-933-3	Sequence 3, Appl
22	20	52.6	20	9	US-09-877-705A-67	Sequence 67, Appl
23	20	52.6	20	9	US-09-877-705A-68	Sequence 68, Appl
24	20	52.6	20	9	US-09-877-738A-67	Sequence 67, Appl
25	20	52.6	20	9	US-09-877-738A-68	Sequence 68, Appl
26	20	52.6	20	10	US-09-808-388-1	Sequence 1, Appl
27	20	52.6	272	10	US-10-092-154-1941	Sequence 1941, Ap
28	20	52.6	272	10	US-09-764-877-1941	Sequence 1941, Ap
29	20	52.6	43058	10	US-09-954-456-282	Sequence 292, App
30	20	52.6	43058	10	US-09-954-456-529	Sequence 529, App
31	20	52.6	43058	10	US-09-880-107-3950	Sequence 3950, Ap
32	19.8	52.1	480	10	US-09-864-761-4951	Sequence 4951, Ap
33	19.8	52.1	570	10	US-09-864-761-6734	Sequence 6734, Ap
34	19.6	51.6	447	9	US-09-918-995-12753	Sequence 12753, A
35	19.6	51.6	487	9	US-09-918-995-2304	Sequence 2304, Ap
36	19.6	51.6	2991	9	US-10-201-386-48	Sequence 48, Appl
37	19.6	51.6	3162	10	US-09-764-877-2937	Sequence 2937, Ap
38	19.6	51.6	148567	9	US-10-254-869-3	Sequence 3, Appl
39	19.6	51.6	148567	10	US-09-801-876B-3	Sequence 3, Appl
40	19.6	51.6	152331	9	US-10-095-407-16	Sequence 16, Appl
41	19.6	51.6	176373	9	US-10-095-407-17	Sequence 17, Appl
42	19.4	51.1	246	9	US-10-040-739-1104	Sequence 1104, Ap
43	19.4	51.1	612	9	US-10-198-846-6352	Sequence 6352, Ap
44	19.4	51.1	1514	10	US-09-925-297-211	Sequence 211, App
45	19.4	51.1	1770	9	US-09-738-626-483	Sequence 483, App

## ALIGNMENTS

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RESULT 1
US-09-808-388-2
; Sequence 2, Application US/09808388
; Patent No. US20020081719A1
; GENERAL INFORMATION:
; APPLICANT: Massaad, Charbel
; APPLICANT: Berenbaum, Francis
; APPLICANT: Olivier, Jean-Luc
; APPLICANT: Salvat, Colette
; APPLICANT: Beresiat, Gilbert
; TITLE OF INVENTION: Inflammation Inducible Hybrid Promoters, Vectors Comprising th
; FILE REFERENCE: ST00010
; CURRENT APPLICATION NUMBER: US/09/808,388
; CURRENT FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: FR/00/03262
; PRIOR FILING DATE: 2000-03-14
; PRIOR APPLICATION NUMBER: US 60/196,959
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2
; LENGTH: 38
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PPRE element
US-09-808-388-2

Query Match      100.0%; Score 38; DB 10; Length 38;
Best Local Similarity 100.0%; Pred. No. 2e-05;
Matches 38; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY      1 CAAACAGTCAAGTCAAGTCAAGTCAAGTCAAGTCA 38
Db      1 CAAACAGTCAAGTCAAGTCAAGTCAAGTCA 38

RESULT 2
US-09-877-705A-142/c
; Sequence 142, Application US/09877705A
; Publication No. US20030008283A1

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; GENERAL INFORMATION:
; APPLICANT: Li, Jason
; TITLE OF INVENTION: METHOD FOR SCREENING FOR DRUG CANDIDATES FOR MODULATING TRANSCRIPT
; FILE REFERENCE: 26757-704
; CURRENT APPLICATION NUMBER: US/09/877,705A
; CURRENT FILING DATE: 2001-08-16
; NUMBER OF SEQ ID NOS: 162
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 142
; LENGTH: 60
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Hybridization probe MP68
US-09-877-705A-142

Query Match      68.4%; Score 26; DB 9; Length 60;
Best Local Similarity 95.0%; Pred. No. 0.69;
Matches 38; Conservative 0; Mismatches 0; Indels 2; Gaps 1;

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Db      60 CAAACTAGTCAAGGTCAAGGTCAAGGTCAAGGTCA 21

RESULT 3
US-09-877-738A-142/C
; Sequence 142, Application US/09877738A
; Publication No. US20030022173A1
; GENERAL INFORMATION:
; APPLICANT: Li, Jason
; TITLE OF INVENTION: METHOD AND KIT FOR ISOLATING DNA PROBES THAT BIND TO ACTIVATED
; FILE REFERENCE: 26757-701
; CURRENT APPLICATION NUMBER: US/09/877,738A
; CURRENT FILING DATE: 2001-06-01
; NUMBER OF SEQ ID NOS: 162
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 142
; LENGTH: 60
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Hybridization probe MP68
US-09-877-738A-142

Query Match      68.4%; Score 26; DB 9; Length 60;
Best Local Similarity 95.0%; Pred. No. 0.69;
Matches 38; Conservative 0; Mismatches 0; Indels 2; Gaps 1;

Oy      1 CAAACTAGTCAAGGT--CAAACTAGTCAAGGTCA 38
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Db      60 CAAACTAGTCAAGGTCAAGGTCAAGGTCAAGGTCA 21

RESULT 4
US-09-808-388-3
; Sequence 3, Application US/09808388
; Patent No. US20020081719A1
; GENERAL INFORMATION:
; APPLICANT: Massaad, Charbel
; APPLICANT: Berendaum, Francis
; APPLICANT: Olivier, Jean-Luc
; APPLICANT: Salvat, Colette
; APPLICANT: Berezziat, Gilbert
; TITLE OF INVENTION: Inflammation Inducible Hybrid Promoters, Vectors Comprising them
; TITLE OF INVENTION: their uses
; FILE REFERENCE: ST000010
; CURRENT APPLICATION NUMBER: US/09/808,388
; CURRENT FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: FR/00/03262
; PRIOR FILING DATE: 2000-03-14
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; PRIOR APPLICATION NUMBER: US 60/196,959
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: PPPE element
US-09-808-388-3

Query Match      65.8%; Score 25; DB 10; Length 41;
Best Local Similarity 92.7%; Pred. No. 1.5;
Matches 38; Conservative 0; Mismatches 0; Indels 3; Gaps 1;

Oy      1 CAAACTAGTCAAGG---TCAAACTAGTCAAGGTCA 38
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Db      1 CAAACTAGTCAAGGTCAAGGTCAAGGTCAAGGTCA 41

RESULT 5
US-09-808-388-6
; Sequence 6, Application US/09808388
; Patent No. US20020081719A1
; GENERAL INFORMATION:
; APPLICANT: Massaad, Charbel
; APPLICANT: Berendaum, Francis
; APPLICANT: Olivier, Jean-Luc
; APPLICANT: Salvat, Colette
; APPLICANT: Berezziat, Gilbert
; TITLE OF INVENTION: Inflammation Inducible Hybrid Promoters, Vectors Comprising th
; FILE REFERENCE: ST000010
; CURRENT APPLICATION NUMBER: US/09/808,388
; CURRENT FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: FR/00/03262
; PRIOR FILING DATE: 2000-03-14
; PRIOR APPLICATION NUMBER: US 60/196,959
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6
; LENGTH: 332
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PPPE/PLA2s hybrid promoter
US-09-808-388-6

Query Match      65.8%; Score 25; DB 10; Length 332;
Best Local Similarity 92.7%; Pred. No. 2.3;
Matches 38; Conservative 0; Mismatches 0; Indels 3; Gaps 1;

Oy      1 CAAACTAGTCAAGG---TCAAACTAGTCAAGGTCA 38
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Db      13 CAAACTAGTCAAGGTCAAGGTCAAGGTCAAGGTCA 53

RESULT 6
US-10-153-668-319/C
; Sequence 319, Application US/10153668
; Publication No. US20030092616A1
; GENERAL INFORMATION:
; APPLICANT: HONDA, Goichi
; APPLICANT: MATSUDA, Akio
; APPLICANT: MURAMATSU, Shuji
; APPLICANT: ISHIZAMA, Kenya
; TITLE OF INVENTION: STRAT6 Activating Gene
; FILE REFERENCE: 1254-0207P
; CURRENT APPLICATION NUMBER: US/10/153,668
; CURRENT FILING DATE: 2002-05-24
; PRIOR APPLICATION NUMBER: US 60/293,172
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PRIOR FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/316,031  
PRIOR FILING DATE: 2001-08-31  
PRIOR APPLICATION NUMBER: US 60/328,403  
PRIOR FILING DATE: 2001-10-12  
PRIOR APPLICATION NUMBER: JP 2001-157043  
PRIOR FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: JP 2001-260681  
PRIOR FILING DATE: 2001-08-30  
PRIOR APPLICATION NUMBER: JP 2001-313175  
PRIOR FILING DATE: 2001-10-10  
NUMBER OF SEQ ID NOS: 488  
SOFTWARE: Patentln Ver. 2.0  
SEQ ID NO 319  
LENGTH: 2113  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: CDS  
LOCATION: (138)..(1583)  
US-10-153-668-319

Query Match 62.1%; Score 23.6; DB 9; Length 2113;  
Best Local Similarity 76.3%; Pred. No. 11;  
Matches 29; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 1 CAAACTAGGTCAAGGTCAAAACTAGGTCAAGGTCA 38  
DB 1764 CACATCAGCATCAAGGTCAACACGACGTCAGTCAAGGTCA 1727

RESULT 7  
US-10-198-846-11260/c  
Sequence 11260, Application US/10198846  
Publication No. US2003009974A1  
GENERAL INFORMATION:  
APPLICANT: Lillie, James  
APPLICANT: Xu, Yongyao  
APPLICANT: Wang, Youzhen  
APPLICANT: Steilmann, Kathleen  
TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS  
TITLE OF INVENTION: FOR IDENTIFICATION, ASSESSMENT, PREVENTION, AND  
FILE REFERENCE: MRI-049  
CURRENT APPLICATION NUMBER: US/10/198,846  
CURRENT FILING DATE: 2002-07-18  
PRIOR APPLICATION NUMBER: 60/306,220  
PRIOR FILING DATE: 2001-07-18  
NUMBER OF SEQ ID NOS: 14084  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 11260  
LENGTH: 3051  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 1, 2, 3, 4, 5, 6, 7, 8, 9, 3045, 3046, 3047, 3048, 3049,  
LOCATION: 3050, 3051  
OTHER INFORMATION: n = A,T,C or G  
US-10-198-846-11260

Query Match 56.8%; Score 21.6; DB 9; Length 3051;  
Best Local Similarity 75.0%; Pred. No. 65;  
Matches 27; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 3 AAACAGTCAAGGTCAAAACTAGGTCAAGGTCA 38  
DB 1864 AAACCAAGTCAAGGCATGCTATGCTAGGTCA 1829

RESULT 8  
US-09-813-320-3  
Sequence 3, Application US/09813320

Patent No. US20020142378A1  
GENERAL INFORMATION:  
APPLICANT: ZHANG, Hongyu et al.  
TITLE OF INVENTION: ISOLATED HUMAN TRANSPORTER PROTEINS,  
TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN TRANSPORTER PROTEINS,  
FILE REFERENCE: C1001172  
CURRENT APPLICATION NUMBER: US/09/813,320  
CURRENT FILING DATE: 2001-03-21  
NUMBER OF SEQ ID NOS: 4  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 3  
LENGTH: 397658  
TYPE: DNA  
ORGANISM: Human  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: (1)...(397658)  
OTHER INFORMATION: n = A,T,C or G  
US-09-813-320-3

Query Match 56.8%; Score 21.6; DB 10; Length 397658;  
Best Local Similarity 75.0%; Pred. No. 1,6e+02;  
Matches 27; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 2 AAACAGTCAAGGTCAAAACTAGGTCAAGGTCA 37  
DB 292121 AAGACTCGGTAAAGGTTCAGACTAGGCAAGGTCA 292156

RESULT 9  
US-10-074-095-1054/c  
Sequence 1054, Application US/10074095  
Publication No. US20030077704A1  
GENERAL INFORMATION:  
APPLICANT: Rosen et al.  
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies  
FILE REFERENCE: PC008C1  
CURRENT APPLICATION NUMBER: US/10/074,095  
CURRENT FILING DATE: 2002-02-14  
PRIOR APPLICATION NUMBER: 09/764,860  
PRIOR FILING DATE: 2001-01-17  
PRIOR APPLICATION NUMBER: 60/179,065  
PRIOR FILING DATE: 2000-01-31  
PRIOR APPLICATION NUMBER: 60/180,628  
PRIOR FILING DATE: 2000-02-04  
PRIOR APPLICATION NUMBER: 60/214,886  
PRIOR FILING DATE: 2000-06-28  
PRIOR APPLICATION NUMBER: 60/217,487  
PRIOR FILING DATE: 2000-07-11  
PRIOR APPLICATION NUMBER: 60/225,758  
PRIOR FILING DATE: 2000-08-14  
PRIOR APPLICATION NUMBER: 60/220,963  
PRIOR FILING DATE: 2000-07-26  
PRIOR APPLICATION NUMBER: 60/217,496  
PRIOR FILING DATE: 2000-07-11  
PRIOR APPLICATION NUMBER: 60/225,447  
PRIOR FILING DATE: 2000-08-14  
PRIOR APPLICATION NUMBER: 60/218,290  
PRIOR FILING DATE: 2000-07-14  
PRIOR APPLICATION NUMBER: 60/225,757  
PRIOR FILING DATE: 2000-08-14  
PRIOR APPLICATION NUMBER: 60/226,868  
PRIOR FILING DATE: 2000-08-22  
PRIOR APPLICATION NUMBER: 60/216,647  
PRIOR FILING DATE: 2000-07-07  
PRIOR APPLICATION NUMBER: 60/225,267  
PRIOR FILING DATE: 2000-08-14  
PRIOR APPLICATION NUMBER: 60/216,880  
PRIOR FILING DATE: 2000-07-07  
PRIOR APPLICATION NUMBER: 60/225,270  
PRIOR FILING DATE: 2000-08-14  
PRIOR APPLICATION NUMBER: 60/251,869

PRIOR FILING DATE: 2000-12-08	PRIOR APPLICATION NUMBER: 60/235,834
PRIOR FILING DATE: 2000-09-27	PRIOR APPLICATION NUMBER: 60/234,274
PRIOR FILING DATE: 2000-09-21	PRIOR APPLICATION NUMBER: 60/234,223
PRIOR FILING DATE: 2000-09-21	PRIOR APPLICATION NUMBER: 60/228,924
PRIOR FILING DATE: 2000-08-30	PRIOR APPLICATION NUMBER: 60/224,518
PRIOR FILING DATE: 2000-08-14	PRIOR APPLICATION NUMBER: 60/236,369
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PRIOR FILING DATE: 2000-08-14	PRIOR APPLICATION NUMBER: 60/220,964
PRIOR FILING DATE: 2000-07-26	PRIOR APPLICATION NUMBER: 60/241,809
PRIOR FILING DATE: 2000-10-20	PRIOR APPLICATION NUMBER: 60/249,299
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PRIOR FILING DATE: 2000-09-29	PRIOR APPLICATION NUMBER: 60/235,268
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PRIOR FILING DATE: 2000-12-08	PRIOR APPLICATION NUMBER: 60/251,868
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PRIOR FILING DATE: 2000-09-01	PRIOR APPLICATION NUMBER: 60/224,997
PRIOR FILING DATE: 2000-09-25	PRIOR APPLICATION NUMBER: 60/229,343
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PRIOR FILING DATE: 2000-09-01	PRIOR APPLICATION NUMBER: 60/229,287
PRIOR FILING DATE: 2000-09-01	PRIOR APPLICATION NUMBER: 60/229,513
PRIOR FILING DATE: 2000-09-05	PRIOR APPLICATION NUMBER: 60/231,413
PRIOR FILING DATE: 2000-09-08	PRIOR APPLICATION NUMBER: 60/229,509
PRIOR FILING DATE: 2000-09-05	PRIOR APPLICATION NUMBER: 60/236,367
PRIOR FILING DATE: 2000-09-29	PRIOR APPLICATION NUMBER: 60/237,039
PRIOR FILING DATE: 2000-10-02	PRIOR APPLICATION NUMBER: 60/237,038
PRIOR FILING DATE: 2000-10-02	PRIOR APPLICATION NUMBER: 60/236,370
PRIOR FILING DATE: 2000-09-29	PRIOR APPLICATION NUMBER: 60/236,802
PRIOR FILING DATE: 2000-10-02	PRIOR APPLICATION NUMBER: 60/237,037
PRIOR FILING DATE: 2000-10-02	PRIOR APPLICATION NUMBER: 60/237,040
PRIOR FILING DATE: 2000-10-02	PRIOR APPLICATION NUMBER: 60/240,960
PRIOR FILING DATE: 2000-10-20	PRIOR APPLICATION NUMBER: 60/239,935
PRIOR FILING DATE: 2000-10-13	PRIOR APPLICATION NUMBER: 60/239,937
PRIOR FILING DATE: 2000-10-13	PRIOR APPLICATION NUMBER: 60/241,787
PRIOR FILING DATE: 2000-10-20	PRIOR APPLICATION NUMBER: 60/241,787

1	PRIOR APPLICATION NUMBER: 60/246,474
2	PRIOR FILING DATE: 2000-11-08
3	PRIOR APPLICATION NUMBER: 60/246,532
4	PRIOR FILING DATE: 2000-11-08
5	PRIOR APPLICATION NUMBER: 60/249,216
6	PRIOR FILING DATE: 2000-11-17
7	PRIOR APPLICATION NUMBER: 60/249,210
8	PRIOR FILING DATE: 2000-11-17
9	PRIOR APPLICATION NUMBER: 60/226,681
10	PRIOR FILING DATE: 2000-08-22
11	PRIOR APPLICATION NUMBER: 60/225,759
12	PRIOR FILING DATE: 2000-08-14
13	PRIOR APPLICATION NUMBER: 60/225,213
14	PRIOR FILING DATE: 2000-08-14
15	PRIOR APPLICATION NUMBER: 60/227,182
16	PRIOR FILING DATE: 2000-08-22
17	PRIOR APPLICATION NUMBER: 60/225,214
18	PRIOR FILING DATE: 2000-08-14
19	PRIOR APPLICATION NUMBER: 60/235,836
20	PRIOR FILING DATE: 2000-09-27
21	PRIOR APPLICATION NUMBER: 60/230,438
22	PRIOR FILING DATE: 2000-09-06
23	PRIOR APPLICATION NUMBER: 60/215,135
24	PRIOR FILING DATE: 2000-06-30
25	PRIOR APPLICATION NUMBER: 60/225,266
26	PRIOR FILING DATE: 2000-08-14
27	PRIOR APPLICATION NUMBER: 60/249,218
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29	PRIOR APPLICATION NUMBER: 60/249,208
30	PRIOR FILING DATE: 2000-11-17
31	PRIOR APPLICATION NUMBER: 60/249,213
32	PRIOR FILING DATE: 2000-11-17
33	PRIOR APPLICATION NUMBER: 60/249,212
34	PRIOR FILING DATE: 2000-11-17
35	PRIOR APPLICATION NUMBER: 60/249,207
36	PRIOR FILING DATE: 2000-11-17
37	PRIOR APPLICATION NUMBER: 60/249,245
38	PRIOR FILING DATE: 2000-11-17
39	PRIOR APPLICATION NUMBER: 60/249,244
40	PRIOR FILING DATE: 2000-11-17
41	PRIOR APPLICATION NUMBER: 60/249,217
42	PRIOR FILING DATE: 2000-11-17
43	PRIOR APPLICATION NUMBER: 60/249,211
44	PRIOR FILING DATE: 2000-11-17
45	PRIOR APPLICATION NUMBER: 60/249,215
46	PRIOR FILING DATE: 2000-11-17
47	PRIOR APPLICATION NUMBER: 60/249,254
48	PRIOR FILING DATE: 2000-11-17
49	PRIOR APPLICATION NUMBER: 60/249,214
50	PRIOR FILING DATE: 2000-11-17
51	PRIOR APPLICATION NUMBER: 60/234,400
52	PRIOR FILING DATE: 2000-09-14
53	PRIOR APPLICATION NUMBER: 60/231,242
54	PRIOR FILING DATE: 2000-09-08
55	PRIOR APPLICATION NUMBER: 60/233,081
56	PRIOR FILING DATE: 2000-09-08
57	PRIOR APPLICATION NUMBER: 60/232,080
58	PRIOR FILING DATE: 2000-09-06
59	PRIOR APPLICATION NUMBER: 60/231,414
60	PRIOR FILING DATE: 2000-09-08
61	PRIOR APPLICATION NUMBER: 60/231,244
62	PRIOR FILING DATE: 2000-09-08
63	PRIOR APPLICATION NUMBER: 60/233,064
64	PRIOR FILING DATE: 2000-09-14
65	PRIOR APPLICATION NUMBER: 60/233,063
66	PRIOR FILING DATE: 2000-09-14
67	PRIOR APPLICATION NUMBER: 60/232,397
68	PRIOR FILING DATE: 2000-09-14
69	PRIOR APPLICATION NUMBER: 60/232,399
70	PRIOR FILING DATE: 2000-09-14
71	PRIOR APPLICATION NUMBER: 60/232,401

;; PRIOR FILING DATE: 2000-09-14  
;; PRIOR APPLICATION NUMBER: 60/241,808  
;; PRIOR FILING DATE: 2000-10-20  
;; PRIOR APPLICATION NUMBER: 60/241,826  
;; PRIOR FILING DATE: 2000-10-20  
;; PRIOR APPLICATION NUMBER: 60/241,786  
;; PRIOR FILING DATE: 2000-10-20  
;; PRIOR APPLICATION NUMBER: 60/241,221  
;; PRIOR FILING DATE: 2000-10-20  
;; PRIOR APPLICATION NUMBER: 60/246,475  
;; PRIOR FILING DATE: 2000-11-08  
;; PRIOR APPLICATION NUMBER: 60/231,243  
;; PRIOR FILING DATE: 2000-09-08

Query Match 56.3%; Score 21.4; DB 9; Length 14654;  
Best Local Similarity 80.6%; Pred. No. 1.1e+02;  
Matches 25; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 8 AGGTCAAGGTCAAACTAGTCAAGGTCA 38  
DB 5366 AGGACAGAGGGCAAGCCAGGTCAAGGGCA 5336

RESULT 10  
US-09-764-860-1054/c  
; Sequence 1054, Application US/09764860  
; Patent No. US20020094953A1  
; GENERAL INFORMATION:  
; APPLICANT: Rosen et al.  
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies  
; FILE REFERENCE: PC008  
; CURRENT APPLICATION NUMBER: US/09/764,860  
; CURRENT FILING DATE: 2001-01-17  
; Prior application data removed - consult PALM or file wrapper  
; NUMBER OF SEQ ID NOS: 1198  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 1054  
; LENGTH: 14654  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-764-860-1054

Query Match 56.3%; Score 21.4; DB 10; Length 14654;  
Best Local Similarity 80.6%; Pred. No. 1.1e+02;  
Matches 25; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 8 AGGTCAAGGTCAAACTAGTCAAGGTCA 38  
DB 5366 AGGACAGAGGGCAAGCCAGGTCAAGGGCA 5336

RESULT 11  
US-09-854-883-243/c  
; Sequence 243, Application US/09854883  
; Patent No. US20020055479A1  
; GENERAL INFORMATION:  
; APPLICANT: Lex M. Cowsett  
; APPLICANT: Jacqueline Wyatt  
; APPLICANT: Susan M. Freier  
; APPLICANT: Brett P. Monia  
; APPLICANT: Madeline M. Butler  
; APPLICANT: Robert McKay  
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION  
; FILE REFERENCE: ISPH-0576  
; CURRENT APPLICATION NUMBER: US/09/854,883  
; CURRENT FILING DATE: 2001-05-14  
; PRIOR APPLICATION NUMBER: US 09/629,644  
; PRIOR FILING DATE: 2000-07-31  
; PRIOR APPLICATION NUMBER: US 09/487,368  
; PRIOR FILING DATE: 2000-01-18  
; NUMBER OF SEQ ID NOS: 389  
; SEQ ID NO 243  
; LENGTH: 75899

;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
;; FEATURE:  
US-09-854-883-243

Query Match 55.3%; Score 21; DB 10; Length 75899;  
Best Local Similarity 73.0%; Pred. No. 2e+02;  
Matches 27; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY 2 AAAGTAGGTCAAGGTCAAACTAGTCAAGGTCA 38  
DB 17097 AACAGTAGGTCAAGGTAGACTATCTCAACTGCCA 17061

RESULT 12  
US-08-781-986A-62  
; Sequence 62, Application US/08781986A  
; Publication No. US20030054436A1  
; GENERAL INFORMATION:  
; APPLICANT: Charles Kunsch  
; TITLE OF INVENTION: Staphylococcus aureus Polynucleotides and Sequences  
; NUMBER OF SEQUENCES: 5255  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Human Genome Sciences, Inc.  
; STREET: 9410 Key West Avenue  
; CITY: Rockville  
; STATE: Maryland  
; COUNTRY: USA  
; ZIP: 20850

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.50 inch, 1.44M storage  
COMPUTER: HP Vectra 486/33  
OPERATING SYSTEM: MSDOS version 6.2  
SOFTWARE: ASCII Text  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/781,986A  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:

ATTORNEY/AGENT INFORMATION:  
NAME: Benson, Bob  
REGISTRATION NUMBER: 30,446  
REFERENCE/DOCKET NUMBER: PB248PP  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (301) 309-8504  
TELEFAX: (301) 309-8512  
INFORMATION FOR SEQ ID NO: 62:

SEQUENCE CHARACTERISTICS:  
LENGTH: 10953 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
US-08-781-986A-62

Query Match 54.2%; Score 20.6; DB 7; Length 10953;  
Best Local Similarity 74.3%; Pred. No. 2e+02;  
Matches 26; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 2 AAAGTAGGTCAAGGTCAAACTAGTCAAGGT 36  
DB 2746 AGAAGTAGGCGCAAGATGAAGCTAACACAAGTT 2780

RESULT 13  
US-09-815-656-59  
; Sequence 59, Application US/09815656  
; Patent No. US20010041331A1  
; GENERAL INFORMATION:  
; APPLICANT: Abbott Laboratories  
; APPLICANT: Leary, Thomas  
; APPLICANT: Erker, James

```
APPLICANT: Chalmers, Michelle
APPLICANT: Simons, John
APPLICANT: Birkenmeyer, Larry
APPLICANT: Muerhoff, Scott
APPLICANT: Pilot-Mallias, Tami
APPLICANT: Desai, Suresh
APPLICANT: Mushahwar, Isa
TITLE OF INVENTION: METHODS OF UTILIZING THE TT VIRUS
FILE REFERENCE: 6461.US.01
CURRENT APPLICATION NUMBER: US/09/815,656
CURRENT FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 09/245,248
PRIOR FILING DATE: 1999-02-05
NUMBER OF SEQ ID NOS: 71
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 59
LENGTH: 3539
TYPE: DNA
ORGANISM: Homo sapien
US-09-815-656-53
```

```
Query Match      53.7%; Score 20.4; DB 10; Length 3539;
Best Local Similarity 80.0%; Pred. No. 1.9e+02;
Matches 24; Conservative 0; Mismatches 6; Indels 0; Gaps 0;
```

```
QY      9 GGTCAAGGTCAAACTAGTCAAGGTCA 38
DB      3462 GGTCAAGGTCAAGCTAGCTAGTCAATAGTCA 3491
```

```
RESULT 14
US-09-815-656-53
Sequence 53, Application US/09815656
Patent No. US2001004131A1
GENERAL INFORMATION:
APPLICANT: Abbott Laboratories
APPLICANT: Leary, Thomas
APPLICANT: Erker, James
APPLICANT: Chalmers, Michelle
APPLICANT: Simons, John
APPLICANT: Birkenmeyer, Larry
APPLICANT: Muerhoff, Scott
APPLICANT: Pilot-Mallias, Tami
APPLICANT: Desai, Suresh
APPLICANT: Mushahwar, Isa
TITLE OF INVENTION: METHODS OF UTILIZING THE TT VIRUS
FILE REFERENCE: 6461.US.01
CURRENT APPLICATION NUMBER: US/09/815,656
CURRENT FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 09/245,248
PRIOR FILING DATE: 1999-02-05
NUMBER OF SEQ ID NOS: 71
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 53
LENGTH: 3853
TYPE: DNA
ORGANISM: Homo sapien
US-09-815-656-53
```

```
Query Match      53.7%; Score 20.4; DB 10; Length 3853;
Best Local Similarity 80.0%; Pred. No. 1.9e+02;
Matches 24; Conservative 0; Mismatches 6; Indels 0; Gaps 0;
```

```
QY      9 GGTCAAGGTCAAACTAGTCAAGGTCA 38
DB      3568 GGTCAAGGTCACTGCTAGTCAATAGTCA 3597
```

```
RESULT 15
US-09-751-797-25
Sequence 25, Application US/09751797
Patent No. US20010024652A1
GENERAL INFORMATION:
```

```
APPLICANT: Dumoutier, Laure
APPLICANT: Louhed, Jamila
APPLICANT: Renaud, Jean-Christophe
TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inductible
TITLE OF INVENTION: (Tifs) The Proteins Encoded, and Uses Thereof
FILE REFERENCE: LUD 5543.2
CURRENT FILING DATE: 2000-12-29
PRIOR APPLICATION NUMBER: 09/419,568
PRIOR FILING DATE: 1999-10-18
PRIOR APPLICATION NUMBER: US09/178,973
PRIOR FILING DATE: 1998-10-26
NUMBER OF SEQ ID NOS: 29
SEQ ID NO 25
LENGTH: 4797
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
US-09-751-797-25
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Query Match      53.7%; Score 20.4; DB 10; Length 4797;
Best Local Similarity 80.0%; Pred. No. 2e+02;
Matches 24; Conservative 0; Mismatches 6; Indels 0; Gaps 0;
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QY      2 AAAGTGTCAAGTCAAACTAGTCA 31
DB      1788 AATCTAGTCACTGTTGAATCTAGTCA 1817
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Search completed: June 14, 2003, 01:26:04
Job time : 12.7197 secs
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GenCore version 5.1.6  
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OM nucleic - nucleic search, using sw model

Run on: June 13, 2003, 20:00:53 ; Search time 5.57774 Seconds  
(without alignments)  
2254.273 Million cell updates/sec

Title: US-09-808-388-3

Perfect score: 41

Sequence: 1 caaaactagtcacaaagtca.....caaaactagtcacaaagtca 41

Scoring table: IDENTITY\_NUC

Gapop 10.0 , Gapext 1.0

Searched: 441362 seqs, 153338381 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued\_Patents\_NA.\*

1: /cgn2\_6/ptodata/2/1na/5A.COMB.seq:\*  
2: /cgn2\_6/ptodata/2/1na/5B.COMB.seq:\*  
3: /cgn2\_6/ptodata/2/1na/6A.COMB.seq:\*  
4: /cgn2\_6/ptodata/2/1na/6B.COMB.seq:\*  
5: /cgn2\_6/ptodata/2/1na/PTUS.COMB.seq:\*  
6: /cgn2\_6/ptodata/2/1na/Backfile1.seq:\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	22.4	54.6	3295	US-09-336-447A-8	Sequence 8, Appli
2	22.4	54.6	3349	US-09-336-447A-2	Sequence 2, Appli
3	21	51.2	865	US-09-328-111-128	Sequence 128, App
4	20.4	49.8	910	US-09-328-111-129	Sequence 129, App
5	20.4	49.8	3900	US-08-123-343A-6	Sequence 6, Appli
6	20.2	49.3	2308	US-07-686-591-3	Sequence 3, Appli
7	20.2	49.3	2308	US-07-970-715-3	Sequence 3, Appli
8	20	48.8	1200	US-09-222-938A-47	Sequence 47, Appli
9	19.8	48.3	1797	US-08-366-490-5	Sequence 5, Appli
10	19.8	48.3	1797	US-08-860-483A-5	Sequence 5, Appli
11	19.8	48.3	1900	US-08-366-490-7	Sequence 7, Appli
12	19.8	48.3	1900	US-08-860-483A-8	Sequence 8, Appli
13	19.8	48.3	1900	US-08-860-483A-9	Sequence 9, Appli
14	19.8	48.3	15894	US-08-348-891A-1	Sequence 1, Appli
15	19.8	48.3	15894	US-08-905-817-1	Sequence 1, Appli
16	19.8	48.3	19056	US-09-272-032-8	Sequence 8, Appli
17	19.6	47.8	2868	US-08-389-564B-3	Sequence 3, Appli
18	19.6	47.8	2868	US-08-466-047B-3	Sequence 3, Appli
19	19.4	47.3	1872	US-08-153-848-39	Sequence 39, Appli
20	19.4	47.3	1872	US-09-299-843A-39	Sequence 39, Appli
21	19.4	47.3	1872	US-09-088-337B-39	Sequence 39, Appli
22	19.4	47.3	1872	PCT-US93-11153-39	Sequence 39, Appli
23	19.2	46.8	132	US-08-053-171-23	Sequence 23, Appli
24	19.2	46.8	1001	US-09-641-638-480	Sequence 480, App
25	19.2	46.8	1001	US-09-641-638-481	Sequence 481, App
26	19.2	46.8	1001	US-09-641-638-482	Sequence 482, App
27	19.2	46.8	1215	US-08-844-065-1	Sequence 1, Appli

28	19.2	46.8	1275	US-08-920-634-1	Sequence 1, Appli
29	19.2	46.8	1278	US-08-960-780-26	Sequence 26, Appli
30	19.2	46.8	1278	US-09-073-898-26	Sequence 26, Appli
31	19	46.3	523	US-08-508-786-8	Sequence 8, Appli
32	19	46.3	523	PCT-US96-12158-8	Sequence 8, Appli
33	19	46.3	574	US-08-508-786-7	Sequence 7, Appli
34	19	46.3	574	PCT-US96-12158-7	Sequence 7, Appli
35	19	46.3	675	US-09-328-111-844	Sequence 844, App
36	19	46.3	722	US-08-508-786-6	Sequence 6, Appli
37	19	46.3	722	PCT-US96-12158-6	Sequence 6, Appli
38	19	46.3	1030	US-08-508-786-5	Sequence 5, Appli
39	19	46.3	1030	PCT-US96-12158-5	Sequence 5, Appli
40	19	46.3	1294	US-08-508-786-4	Sequence 4, Appli
41	19	46.3	1294	PCT-US96-12158-4	Sequence 4, Appli
42	19	46.3	1372	US-08-508-786-3	Sequence 3, Appli
43	19	46.3	1372	PCT-US96-12158-3	Sequence 3, Appli
44	19	46.3	1988	US-08-508-786-2	Sequence 2, Appli
45	19	46.3	1988	PCT-US96-12158-2	Sequence 2, Appli

## ALIGNMENTS

```
RESULT 1
US-09-336-447A-8
; Sequence 8, Application US/09336447A
; Patent No. 6310190
; GENERAL INFORMATION:
; APPLICANT: HANSEN, ERIC J.
; APPLICANT: AEBI, CHRISTOPH
; APPLICANT: COPE, LESLIE D.
; APPLICANT: MACIVER, ISOBEL
; APPLICANT: FISKE, MICHAEL J.
; APPLICANT: FREDENBURG, ROSS A.
; TITLE OF INVENTION: USPA1 AND USPA2 ANTIGENS OF MORAXELLA CATARRHALIS
; FILE REFERENCE: AMCY:024
; CURRENT APPLICATION NUMBER: US/09/336,447A
; CURRENT FILING DATE: 1999-06-21
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 3295
; TYPE: DNA
; ORGANISM: Moraxella catarrhalis
US-09-336-447A-8

Query Match      54.6%; Score 22.4; DB 4; Length 3295;
Best Local Similarity 72.5%; Pred. No. 3.4;
Matches 29; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY      1 CAAACTAGTCACAAAGTCATCAAACTAGTCACAAAGTC 40
      ||| | | ||||| | | | | | ||| |||||
DB      2118 CAGCATATATCAAAAGATCTTCAGAGAGGTAAGGTC 2157

RESULT 2
US-09-336-447A-2
; Sequence 2, Application US/09336447A
; Patent No. 6310190
; GENERAL INFORMATION:
; APPLICANT: HANSEN, ERIC J.
; APPLICANT: AEBI, CHRISTOPH
; APPLICANT: COPE, LESLIE D.
; APPLICANT: MACIVER, ISOBEL
; APPLICANT: FISKE, MICHAEL J.
; APPLICANT: FREDENBURG, ROSS A.
; TITLE OF INVENTION: USPA1 AND USPA2 ANTIGENS OF MORAXELLA CATARRHALIS
; FILE REFERENCE: AMCY:024
; CURRENT APPLICATION NUMBER: US/09/336,447A
; CURRENT FILING DATE: 1999-06-21
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
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STRANDEDNESS: unknown  
TOPOLOGY: unknown  
MOLECULE TYPE: cDNA  
US-08-123-343A-6

Query Match 49.8%; Score 20.4; DB 1; Length 3900;  
Best Local Similarity 71.1%; Pred. No. 22;  
Matches 27; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 2 AAAACTAGTCAAGTCAAACTAGGTCAAGGT 39  
DB 2126 AAATGCAATCAAGATTATCAAAAGTATCTCAAAAGT 2089

RESULT 6  
US-07-686-591-3  
Sequence 3, Application US/07686591  
Patent No. 5215915

GENERAL INFORMATION:  
APPLICANT: Tiberl, Mario  
APPLICANT: Jarvie, Keith R.  
APPLICANT: Caron, Marc G.  
TITLE OF INVENTION: Cloned Gene Encoding Rat D1B Dopamine Receptor  
NUMBER OF SEQUENCES: 4  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Kenneth D. Sibley, Bell, Seltzer, Park and Gibson  
STREET: Post Office Drawer 34009  
CITY: Charlotte  
STATE: No. 5215915th Carolina  
COUNTRY: U.S.A.  
ZIP: 28234

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.24  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/686,591  
FILING DATE: 19910406

CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Sibley, Kenneth D.  
REGISTRATION NUMBER: 31,665  
REFERENCE/DOCKET NUMBER: 5405,24  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 919-881-3140  
TELEFAX: 919-881-3175  
TELEX: 575102

INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 2308 base pairs  
TYPE: NUCLEIC ACID  
STRANDEDNESS: single  
MOLECULE TYPE: DNA (genomic)  
TOPOLOGY: linear  
HYPOTHETICAL: N  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 694..2118  
OTHER INFORMATION:  
US-07-686-591-3

Query Match 49.3%; Score 20.2; DB 1; Length 2308;  
Best Local Similarity 68.3%; Pred. No. 23;  
Matches 28; Conservative 0; Mismatches 13; Indels 0; Gaps 0;

QY 1 CAAACTAGTCAAGTCAAACTAGGTCAAAAGGTCA 41  
DB 1539 CAAGAAGAGACCAAGGTCTTCAAAACCCGTGCATGATCA 1579

RESULT 7

US-07-970-715-3  
Sequence 3, Application US/07970715  
Patent No. 5245011

GENERAL INFORMATION:  
APPLICANT: Tiberl, Mario  
APPLICANT: Jarvie, Keith R.  
APPLICANT: Caron, Marc G.  
TITLE OF INVENTION: Cloned Gene Encoding Rat D1B Dopamine Receptor  
NUMBER OF SEQUENCES: 4  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Kenneth D. Sibley, Bell, Seltzer, Park and Gibson  
STREET: Post Office Drawer 34009  
CITY: Charlotte  
STATE: No. 5245011th Carolina  
COUNTRY: U.S.A.  
ZIP: 28234

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.24  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/970,715  
FILING DATE: 19921103

CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/686,591  
FILING DATE: 4/6/91  
ATTORNEY/AGENT INFORMATION:  
NAME: Sibley, Kenneth D.

REGISTRATION NUMBER: 31,665  
REFERENCE/DOCKET NUMBER: 5405,24  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 919-881-3140  
TELEFAX: 919-881-3175  
TELEX: 575102

INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 2308 base pairs  
TYPE: NUCLEIC ACID  
STRANDEDNESS: single  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: N  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 694..2118  
OTHER INFORMATION:  
US-07-970-715-3

Query Match 49.3%; Score 20.2; DB 1; Length 2308;  
Best Local Similarity 68.3%; Pred. No. 23;  
Matches 28; Conservative 0; Mismatches 13; Indels 0; Gaps 0;

QY 1 CAAACTAGTCAAGTCAAACTAGGTCAAAAGGTCA 41  
DB 1539 CAAGAAGAGACCAAGGTCTTCAAAACCCGTGCATGATCA 1579

RESULT 8  
US-09-222-938A-47/c  
Sequence 47, Application US/09222938A  
Patent No. 6437108

GENERAL INFORMATION:  
APPLICANT: Youngman, Phillip  
APPLICANT: Fritze, Christian  
APPLICANT: Murphy, Christopher  
APPLICANT: Guzman, Luz-Maria  
TITLE OF INVENTION: ESSENTIAL BACTERIAL GENES AND THEIR USE  
FILE REFERENCE: 07334/060001  
CURRENT APPLICATION NUMBER: US/09/222,938A  
CURRENT FILING DATE: 1998-12-30

NUMBER OF SEQ ID NOS: 102  
SOFTWARE: FastSeq for Windows version 3.0  
SEQ ID NO: 47  
LENGTH: 1200  
TYPE: DNA  
ORGANISM: Streptococcus pneumoniae  
FEATURE:  
NAME/KEY: CDS  
LOCATION: (95)...(1126)  
US-09-222-938A-47

Query Match 48.8%; Score 20; DB 4; Length 1200;  
Best Local Similarity 72.2%; Pred. No. 24;  
Matches 26; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY 6 CTAGCTCAAGGTCATCAAACTAGTCAAGGTCA 41  
DB 542 CTGCTCAAAATCCTTCAGAAATTTGTCAAGGTGA 507

RESULT 9  
US-08-366-490-5  
Sequence 5, Application US/08366490  
Patent No. 5877403  
GENERAL INFORMATION:  
APPLICANT: McMaster, J. Russell  
APPLICANT: Boeshore, Maury L.  
APPLICANT: Tricoli, David M.  
APPLICANT: Reynolds, John F.  
APPLICANT: Carney, Kim J.  
TITLE OF INVENTION: PAPAYA RINGSPOT VIRUS PROTEASE GENE  
NUMBER OF SEQUENCES: 10  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fitzpatrick, Cella, Harper, and Scinto  
STREET: 277 Park Avenue  
CITY: New York  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10172-0194  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/366,490  
FILING DATE: 30-DEC-1994  
CLASSIFICATION: 800  
ATTORNEY/AGENT INFORMATION:  
NAME: Fitzpatrick, Cella, Harper, and Scinto  
REFERENCE/DOCKET NUMBER: 4869  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-758-2400  
TELEFAX: 212-758-2982  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1797 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
MOLECULE TYPE: linear  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE: Internal  
ORIGINAL SOURCE:  
ORGANISM: PAPAYA RINGSPOT VIRUS  
STRAIN: P-TYPE  
INDIVIDUAL ISOLATE: USA (HA attenuated)  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 3..1782  
FEATURE:  
NAME/KEY: mat\_peptide

LOCATION: 3..191  
FEATURE:  
NAME/KEY: mat\_peptide  
LOCATION: 192..362  
FEATURE:  
NAME/KEY: mat\_peptide  
LOCATION: 363..1643  
FEATURE:  
NAME/KEY: mat\_peptide  
LOCATION: 1644..1782  
US-08-366-490-5

Query Match 48.3%; Score 19.8; DB 2; Length 1797;  
Best Local Similarity 69.2%; Pred. No. 31;  
Matches 27; Conservative 0; Mismatches 12; Indels 0; Gaps 0;

QY 1 CAAACTAGGTCATCAAACTAGTCAAGGT 39  
DB 1214 CAGAGCTAGGTTTNGGGCCATGAAGCTGGGACAGGT 1252

RESULT 10  
US-08-860-483A-5  
Sequence 5, Application US/08860483A  
Patent No. 6046384  
GENERAL INFORMATION:  
APPLICANT: McMaster, J. R.  
APPLICANT: Boeshore, Maury L.  
APPLICANT: Tricoli, David M.  
APPLICANT: Reynolds, John F.  
APPLICANT: Carney, Kim J.  
APPLICANT: Slignton, Jerry L.  
APPLICANT: Gonsalves, Dennis  
TITLE OF INVENTION: Papaya Ringspot Virus N1a Protease Gene  
NUMBER OF SEQUENCES: 13  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Rockey, Milnamov & Katz  
STREET: 180 N. Stetson Avenue, 2 Prudential Plaza,  
CITY: Chicago  
STATE: IL  
COUNTRY: USA  
ZIP: 60601  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/860,483A  
FILING DATE: 26-JUN-1997  
CLASSIFICATION: 800  
ATTORNEY/AGENT INFORMATION:  
NAME: Mueller, Lisa V.  
REGISTRATION NUMBER: 38,978  
REFERENCE/DOCKET NUMBER: SVS3801P0091US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 3126165400  
TELEFAX: 3126165460  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1797 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: not relevant  
MOLECULE TYPE: DNA (genomic)  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 3..1779  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1782..1797  
US-08-860-483A-5





GENERAL INFORMATION:  
APPLICANT: McMaster, J. R.  
APPLICANT: Boeshore, Maury L.  
APPLICANT: Tricoli, David M.  
APPLICANT: Reynolds, John F.  
APPLICANT: Carney, Kim J.  
APPLICANT: Sligton, Jerry L.  
APPLICANT: Gonsalves, Dennis  
TITLE OF INVENTION: Papaya Ringspot Virus NIA Protease Gene  
NUMBER OF SEQUENCES: 13  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Rocky, Milanov & Katz  
STREET: 160 N. Steetson Avenue, 2 Prudential Plaza,  
CITY: Chicago  
STATE: IL  
COUNTRY: USA  
ZIP: 60601  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/860,483A  
FILING DATE: 26-JUN-1997  
CLASSIFICATION: 800  
ATTORNEY/AGENT INFORMATION:  
NAME: Mueller, Lisa V.  
REGISTRATION NUMBER: 38,978  
REFERENCE/DOCKET NUMBER: SVS3801P0091US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 3126165400  
TELEFAX: 3126165460  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1900 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: not relevant  
TOPOLOGY: not relevant  
MOLECULE TYPE: DNA (genomic)  
US-08-860-483A-9  
Query Match 48.3%; Score 19.8; DB 3; Length 1900;  
Best Local Similarity 69.2%; Pred. No. 32;  
Matches 27; Conservative 0; Mismatches 12; Indels 0; Gaps 0;  
OY 1 CAAACTAGGTCAAGGTCAATCAAACTAGGTCAAGGT 39  
DB 1226 CAGAGCTAGTTTAGGCGCATGAAGCTGGGACAGGT 1264  
RESULT 14  
US-08-91A-1/c  
Sequence 1, Application US/08348891A  
Patent No. 5654136  
GENERAL INFORMATION:  
APPLICANT: SASAKI, Keiko  
APPLICANT: MORI, Takayuki  
APPLICANT: MAKINO, Satoshi  
TITLE OF INVENTION: ATTENUATED MEASLES VIRUS VACCINE,  
TITLE OF INVENTION: CONTAINING SPECIFIC NUCLEOTIDE SEQUENCE AND A METHOD FOR  
TITLE OF INVENTION: ITS ABSOLUTE IDENTIFICATION  
NUMBER OF SEQUENCES: 19  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: YOUNG & THOMPSON  
STREET: 745 South 23rd Street  
CITY: Arlington  
STATE: Virginia  
COUNTRY: USA  
ZIP: 22202  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/348,891A  
FILING DATE: 25-NOV-1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/848,400  
FILING DATE: 10-MAR-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JP 3-293625  
FILING DATE: 14-OCT-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: PATCH, Andrew J.  
REGISTRATION NUMBER: 32,925  
REFERENCE/DOCKET NUMBER: KP-7501  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 703-521-2297  
TELEFAX: 703-685-0573  
TELEX: 248425 EMBON  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15894 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 106..1682  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1807..3327  
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LOCATION: 3438..4442  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 5458..7107  
FEATURE:  
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LOCATION: 7271..9121  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 9234..15782  
US-08-348-891A-1  
Query Match 48.3%; Score 19.8; DB 1; Length 15894;  
Best Local Similarity 77.4%; Pred. No. 54;  
Matches 24; Conservative 0; Mismatches 7; Indels 0; Gaps 0;  
OY 11 TCAAGTCAATCAAACTAGGTCAAGGTCA 41  
DB 9931 TCACATATCAATCAAAACCAAGTCAATGTCA 9901  
RESULT 15  
US-08-905-817-1/c  
Sequence 1, Application US/08905817  
Patent No. 5824777  
GENERAL INFORMATION:  
APPLICANT: SASAKI, Keiko  
APPLICANT: MORI, Takayuki  
APPLICANT: MAKINO, Satoshi  
TITLE OF INVENTION: ATTENUATED MEASLES VIRUS VACCINE,  
TITLE OF INVENTION: CONTAINING SPECIFIC NUCLEOTIDE SEQUENCE AND A METHOD FOR  
TITLE OF INVENTION: ITS ABSOLUTE IDENTIFICATION  
NUMBER OF SEQUENCES: 19  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: YOUNG & THOMPSON  
STREET: 745 South 23rd Street  
CITY: Arlington

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1 STATE: Virginia
2 COUNTRY: USA
3 ZIP: 22202
4
5 COMPUTER READABLE FORM:
6 MEDIUM TYPE: floppy disk
7 COMPUTER: IBM PC compatible
8 OPERATING SYSTEM: PC-DOS/ms-DOS
9 SOFTWARE: Patent Release #1.0, Version #1.30
10 CURRENT APPLICATION DATA:
11 APPLICATION NUMBER: US/08/905,817
12 FILING DATE: 04-AUG-1997
13 CLASSIFICATION: 435
14 PRIOR APPLICATION DATA:
15 APPLICATION NUMBER: US 08/348,891
16 FILING DATE: 25-NOV-1994
17 PRIOR APPLICATION DATA:
18 APPLICATION NUMBER: US 07/848,400
19 FILING DATE: 10-MAR-1992
20 PRIOR APPLICATION DATA:
21 APPLICATION NUMBER: JP 3-293625
22 FILING DATE: 14-OCT-1991
23 ATTORNEY/AGENT INFORMATION:
24 NAME: PATCH, Andrew J.
25 REGISTRATION NUMBER: 32,925
26 REFERENCE/DOCKET NUMBER: KP-7501A
27 TELECOMMUNICATION INFORMATION:
28 TELEPHONE: 703-521-2297
29 TELEFAX: 703-685-0573
30 TELEX: 248425 EMBON
31
32 INFORMATION FOR SEQ ID NO: 1:
33 SEQUENCE CHARACTERISTICS:
34 LENGTH: 15894 base pairs
35 TYPE: nucleic acid
36 STRANDEDNESS: single
37 TOPOLOGY: linear
38 MOLECULE TYPE: cdna
39 FEATURE:
40 NAME/KEY: CDS
41 LOCATION: 108..1682
42 FEATURE:
43 NAME/KEY: CDS
44 LOCATION: 1807..3327
45 FEATURE:
46 NAME/KEY: CDS
47 LOCATION: 3438..4442
48 FEATURE:
49 NAME/KEY: CDS
50 LOCATION: 5458..7107
51 FEATURE:
52 NAME/KEY: CDS
53 LOCATION: 7271..9121
54 FEATURE:
55 NAME/KEY: CDS
56 LOCATION: 9234..15782
57
58 US-08-905-817-1
59
60 Query Match 48.3%; Score 19.8; DB 1; Length 15894;
61 Best Local Similarity 77.4%; Pred. NO. 54;
62 Matches 24; Conservative 0; Mismatches 7; Indels 0; Gaps 0;
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64 11 TCANAAGTCATCAAAAGTCAGTCAAAAGTCA 41
65 ||| ||| ||| ||| ||| ||| ||| ||| |||
66 9931 TCACATATCATCAAAACCAAGTCAAAATGTCA 9901

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Search completed: June 13, 2003, 20:57:55  
Job time : 6.57774 secs



GenCore version 5.1.6  
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OM nucleic - nucleic search, using sw model

Run on: June 13, 2003, 20:58:18 ; Search time 11.566 Seconds  
(without alignments)  
5133.209 Million cell updates/sec

Title: US-09-808-388-3

Perfect score: 41

Sequence: 1 caaactagctcaagtcgca.....caaactagctcaagtcgca 41

Scoring table:

IDENTITY\_NUC  
Gapop 10.0 , Gapext 1.0

Searched: 1029858 seqs, 724030393 residues

Total number of hits satisfying chosen parameters: 2059716

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published\_Applications\_MA:\*

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3: /cgn2\_6/ptodata/2/pubpna/US06\_NEW\_PUB.seq:\*  
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12: /cgn2\_6/ptodata/2/pubpna/US10\_PUBCOMB.seq:\*  
13: /cgn2\_6/ptodata/2/pubpna/US60\_NEW\_PUB.seq:\*  
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Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	41	100.0	41	10	US-09-808-388-3
2	41	100.0	332	10	US-09-808-388-6
3	29	70.7	60	9	US-09-877-705A-142
4	29	70.7	60	9	US-09-877-738A-142
5	25	61.0	38	10	US-09-808-388-2
6	23.6	57.6	177556	9	US-09-952-213D-6
7	22.4	54.6	3295	9	US-09-952-267-8
8	22.4	54.6	3349	9	US-09-952-267-2
9	21.4	52.2	474	9	US-09-918-995-29668
10	21.4	52.2	634	9	US-10-060-036-215
11	21.4	52.2	2930	10	US-09-960-253-156
12	21.4	52.2	3044	10	US-09-980-107-3718
13	21.4	52.2	3047	10	US-09-984-864-329
14	21.4	52.2	3115	9	US-09-925-299-123
15	21.4	52.2	3115	10	US-09-925-299-123
16	21.4	51.7	532	10	US-09-864-761-7870
17	21	51.2	52	10	US-09-808-388-4
18	21	51.2	865	10	US-09-879-536-128
19	21	51.2	9218	9	US-09-764-872-951

20	21	51.2	1503841	9	US-09-946-807-1	Sequence 1, Appl
21	21	51.2	1503841	10	US-09-795-668-1	Sequence 1, Appl
22	21	51.2	1503841	10	US-09-795-668-1	Sequence 1, Appl
23	20.8	50.7	359	9	US-10-060-036-3344	Sequence 3344, Ap
24	20.8	50.7	493	9	US-09-918-995-25006	Sequence 25006, A
25	20.8	50.7	8414	9	US-09-764-868-1278	Sequence 1278, Ap
26	20.6	50.2	513509	9	US-09-754-853A-4	Sequence 4, Appl
27	20.4	49.8	316	9	US-10-060-036-2790	Sequence 2790, Ap
28	20.4	49.8	317	10	US-09-920-300A-819	Sequence 819, App
29	20.4	49.8	317	10	US-09-998-598-2092	Sequence 2092, Ap
30	20.4	49.8	317	12	US-10-033-528-819	Sequence 819, App
31	20.4	49.8	410	9	US-10-198-846-13374	Sequence 13374, A
32	20.4	49.8	595	9	US-09-796-652-8696	Sequence 8696, Ap
33	20.4	49.8	595	9	US-10-040-862-8696	Sequence 8696, Ap
34	20.4	49.8	603	9	US-10-046-935-1043	Sequence 1043, Ap
35	20.4	49.8	603	9	US-09-878-178-1043	Sequence 1043, Ap
36	20.4	49.8	603	9	US-10-146-502-1043	Sequence 1043, Ap
37	20.4	49.8	765	9	US-10-198-846-2639	Sequence 2639, Ap
38	20.4	49.8	910	10	US-09-879-536-129	Sequence 129, App
39	20.4	49.8	1667	9	US-10-198-846-11043	Sequence 11043, A
40	20.4	49.8	2096	9	US-09-764-891-9535	Sequence 9535, Ap
41	20.4	49.8	3205	9	US-09-764-891-9536	Sequence 9536, Ap
42	20.4	49.8	3902	9	US-10-108-605-88	Sequence 88, Appl
43	20.4	49.8	17450	9	US-09-764-891-8641	Sequence 8641, Ap
44	20.2	49.3	1659	9	US-09-925-299-190	Sequence 190, App
45	20.2	49.3	1659	10	US-09-925-299-190	Sequence 190, App

## ALIGNMENTS

RESULT 1  
US-09-808-388-3  
; Sequence 3, Application US/09808388  
; Patent No. US20020081719A1  
; GENERAL INFORMATION:  
; APPLICANT: Massaad, Charbel  
; APPLICANT: Berenbaum, Francis  
; APPLICANT: Olivier, Jean-Luc  
; APPLICANT: Salavat, Colette  
; APPLICANT: Berezat, Gilbert  
; TITLE OF INVENTION: Inflammation Inducible Hybrid Promoters, Vectors Comprising th  
; FILE REFERENCE: ST00010  
; CURRENT APPLICATION NUMBER: US/09/808,388  
; PRIOR FILING DATE: 2001-09-20  
; PRIOR APPLICATION NUMBER: FR/00/03262  
; PRIOR FILING DATE: 2000-03-14  
; PRIOR APPLICATION NUMBER: US 60/196,959  
; PRIOR FILING DATE: 2000-04-13  
; NUMBER OF SEQ ID NOS: 7  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 3  
; LENGTH: 41  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: PPRE element  
US-09-808-388-3

Query Match 100.0%; Score 41; DB 10; Length 41;  
Best Local Similarity 100.0%; Pred. NO. 1.8e-06;  
Matches 41; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CAAACTAGGTCGAAGGTCATCAAACTAGGTCGAAGGTC 41  
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DB 1 CAAACTAGGTCGAAGGTCATCAAACTAGGTCGAAGGTC 41

RESULT 2  
US-09-808-388-6  
; Sequence 6, Application US/09808388  
; Patent No. US20020081719A1

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; GENERAL INFORMATION:
; APPLICANT: Massaad, Charbel
; APPLICANT: Berendaum, Francis
; APPLICANT: Olivier, Jean-Luc
; APPLICANT: Salvat, Colette
; APPLICANT: Berezat, Gilbert
; TITLE OF INVENTION: Inflammation Inducible Hybrid Promoters, Vectors Comprising them
; FILE REFERENCE: ST00010
; CURRENT APPLICATION NUMBER: US/09/808,388
; CURRENT FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: FR/00/03262
; PRIOR FILING DATE: 2000-03-14
; PRIOR APPLICATION NUMBER: US 60/196,959
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6
; LENGTH: 332
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PPRE/PLAZs hybrid promoter
US-09-808-388-6

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Query Match      100.0%; Score 41; DB 10; Length 332;
Best Local Similarity 100.0%; Pred. No. 3e-06;
Matches 41; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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1 CAAACTAGGTCGAAGGTCATCAAACTAGGTCGAAGGTCGA 41
Db
13 CAAACTAGGTCGAAGGTCATCAAACTAGGTCGAAGGTCGA 53

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RESULT 3
US-09-877-705A-142/c
; Sequence 142, Application US/09877705A
; Publication No. US20030008283A1
; GENERAL INFORMATION:
; APPLICANT: Li, Jason
; TITLE OF INVENTION: METHOD FOR SCREENING FOR DRUG CANDIDATES FOR MODULATING TRANSCRIPT
; FILE REFERENCE: 26757-704
; CURRENT APPLICATION NUMBER: US/09/877,705A
; CURRENT FILING DATE: 2001-08-16
; NUMBER OF SEQ ID NOS: 162
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 142
; LENGTH: 60
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Hybridization probe MP68
US-09-877-705A-142

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Query Match      70.7%; Score 29; DB 9; Length 60;
Best Local Similarity 97.6%; Pred. No. 0.063;
Matches 40; Conservative 0; Mismatches 0; Indels 1; Gaps 1;

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RESULT 4
US-09-877-738A-142/c
; Sequence 142, Application US/09877738A
; Publication No. US20030022173A1
; GENERAL INFORMATION:
; APPLICANT: Li, Jason
; TITLE OF INVENTION: METHOD AND KIT FOR ISOLATING DNA PROBES THAT BIND TO ACTIVATED
; FILE REFERENCE: 26757-701

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; CURRENT APPLICATION NUMBER: US/09/877,738A
; CURRENT FILING DATE: 2001-06-01
; NUMBER OF SEQ ID NOS: 162
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 142
; LENGTH: 60
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Hybridization probe MP68
US-09-877-738A-142

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Query Match      70.7%; Score 29; DB 9; Length 60;
Best Local Similarity 97.6%; Pred. No. 0.063;
Matches 40; Conservative 0; Mismatches 0; Indels 1; Gaps 1;

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Db
60 CAAACTAGGTCGAAGGTCGAAGGTCGAAGGTCGAAGGTCGA 21

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RESULT 5
US-09-808-388-2
; Sequence 2, Application US/09808388
; Patent No. US20020081719A1
; GENERAL INFORMATION:
; APPLICANT: Massaad, Charbel
; APPLICANT: Berendaum, Francis
; APPLICANT: Olivier, Jean-Luc
; APPLICANT: Salvat, Colette
; APPLICANT: Berezat, Gilbert
; TITLE OF INVENTION: Inflammation Inducible Hybrid Promoters, Vectors Comprising th
; FILE REFERENCE: ST00010
; CURRENT APPLICATION NUMBER: US/09/808,388
; CURRENT FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: FR/00/03262
; PRIOR FILING DATE: 2000-03-14
; PRIOR APPLICATION NUMBER: US 60/196,959
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2
; LENGTH: 38
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PPRE element
US-09-808-388-2

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Query Match      61.0%; Score 25; DB 10; Length 38;
Best Local Similarity 92.7%; Pred. No. 1.8;
Matches 38; Conservative 0; Mismatches 0; Indels 3; Gaps 1;

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Oy
1 CAAACTAGGTCGAAGGTCATCAAACTAGGTCGAAGGTCGA 41
Db
1 CAAACTAGGTCGAAGGTCGAAGGTCGAAGGTCGAAGGTCGA 38

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RESULT 6
US-09-952-213D-6/c
; Sequence 6, Application US/09952213D
; Publication No. US20030096240A1
; GENERAL INFORMATION:
; APPLICANT: MURAD, FERID
; APPLICANT: SHARINA, IRAIDA G.
; APPLICANT: KRUMENACKER, J. S.
; APPLICANT: MARTIN, E.
; TITLE OF INVENTION: GENOMIC ORGANIZATION OF MOUSE AND HUMAN SGC
; FILE REFERENCE: UTSN:25205
; CURRENT APPLICATION NUMBER: US/09/952,213D
; CURRENT FILING DATE: 2002-08-16
; NUMBER OF SEQ ID NOS: 15

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SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 6  
LENGTH: 177556  
TYPE: DNA  
ORGANISM: Mus musculus  
FEATURE:  
NAME/KEY: modified\_base  
LOCATION: (2293..144567)  
OTHER INFORMATION: N = A, C, T/U OR G  
US-09-952-213D-6

Query Match 57.6%; Score 23.6; DB 9; Length 177556;  
Best Local Similarity 76.3%; Pred. No. 45;  
Matches 29; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

OY 2 AAAACTAGTCAAGGTCATCAAACTAGGTCAAAGGT 39  
Db 120237 AATTCAGGTGAGGTCATGAGCGCTTGGCCAAAGGT 120200

RESULT 7  
US-09-952-267-8  
Sequence 8, Application US/09952267  
Publication No. US20030032772A1  
GENERAL INFORMATION:  
APPLICANT: HANSEN, ERIC J.  
APPLICANT: AEBI, CHRISTOPH  
APPLICANT: COPE, LESLIE D.  
APPLICANT: MACIVER, ISOBEL  
APPLICANT: FISKE, MICHAEL J.  
APPLICANT: FREDENBURG, ROSS A.  
TITLE OF INVENTION: USP1 AND USP2 ANTIGENS OF MORAXELLA CATARRHALIS  
FILE REFERENCE: AMCY:024  
CURRENT APPLICATION NUMBER: US/09/952,267  
CURRENT FILING DATE: 2001-09-12  
PRIORITY APPLICATION NUMBER: 09/336,447  
PRIORITY FILING DATE: 1999-06-21  
NUMBER OF SEQ ID NOS: 98  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 8  
LENGTH: 3295  
TYPE: DNA  
ORGANISM: Moraxella catarrhalis  
US-09-952-267-8

Query Match 54.6%; Score 22.4; DB 9; Length 3295;  
Best Local Similarity 72.5%; Pred. No. 49;  
Matches 29; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

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RESULT 8  
US-09-952-267-2  
Sequence 2, Application US/09952267  
Publication No. US20030032772A1  
GENERAL INFORMATION:  
APPLICANT: HANSEN, ERIC J.  
APPLICANT: AEBI, CHRISTOPH  
APPLICANT: COPE, LESLIE D.  
APPLICANT: MACIVER, ISOBEL  
APPLICANT: FISKE, MICHAEL J.  
APPLICANT: FREDENBURG, ROSS A.  
TITLE OF INVENTION: USP1 AND USP2 ANTIGENS OF MORAXELLA CATARRHALIS  
FILE REFERENCE: AMCY:024  
CURRENT APPLICATION NUMBER: US/09/952,267  
CURRENT FILING DATE: 2001-09-12  
PRIORITY APPLICATION NUMBER: 09/336,447  
PRIORITY FILING DATE: 1999-06-21  
NUMBER OF SEQ ID NOS: 98  
SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 2  
LENGTH: 3349  
TYPE: DNA  
ORGANISM: Moraxella catarrhalis  
US-09-952-267-2

Query Match 54.6%; Score 22.4; DB 9; Length 3349;  
Best Local Similarity 72.5%; Pred. No. 49;  
Matches 29; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

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Db 1311 CAAGATGATATCAAAAGATCTTCAGACGAGGTGAAGGTC 1350

RESULT 9  
US-09-918-995-29668/c  
Sequence 29668, Application US/09918995  
Publication No. US20030073623A1  
GENERAL INFORMATION:  
APPLICANT: Hyseq, Inc.  
TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OBTAINED  
FILE REFERENCE: 20411-756  
CURRENT APPLICATION NUMBER: US/09/918,995  
CURRENT FILING DATE: 2001-07-30  
PRIORITY APPLICATION NUMBER: US/09/235,076  
PRIORITY FILING DATE: 1999-01-20  
NUMBER OF SEQ ID NOS: 38054  
SOFTWARE: FASTSEQ for Windows Version 3.0  
SEQ ID NO 29668  
LENGTH: 474  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: (1)..(474)  
OTHER INFORMATION: n = A,T,C or G  
US-09-918-995-29668

Query Match 52.2%; Score 21.4; DB 9; Length 474;  
Best Local Similarity 71.8%; Pred. No. 72;  
Matches 28; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

OY 2 AAAACTAGTCAAGGTCATCAAACTAGGTCAAAGGTC 40  
Db 203 AATATTCAGTCCAGGCGATCACTCCAGGCAAGGTC 165

RESULT 10  
US-10-060-036-215/c  
Sequence 215, Application US/10060036  
Publication No. US20030073144A1  
GENERAL INFORMATION:  
APPLICANT: Benson, Darin R.  
APPLICANT: Kalos, Michael D.  
APPLICANT: Lodges, Michael J.  
APPLICANT: Persing, David H.  
APPLICANT: Hepler, William T.  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY  
FILE REFERENCE: 210121.566  
CURRENT APPLICATION NUMBER: US/10/060,036  
CURRENT FILING DATE: 2002-01-30  
NUMBER OF SEQ ID NOS: 4560  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 215  
LENGTH: 634  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: misc\_feature

LOCATION: 518, 618  
OTHER INFORMATION: n = A,T,C or G  
US-10-060-036-215

Query Match 52.2%; Score 21.4; DB 9; Length 634;  
Best Local Similarity 71.8%; Pred. No. 78;  
Matches 28; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 2 AAACAGTCAAGTCAATCAAACTAGTCAAGGTC 40  
DB 287 AATATTCAGTCAAGGCGATCACTCCAAAGGTC 249

RESULT 11  
US-09-960-253-156/C  
Sequence 156, Application US/09960253  
Patent No. US20020123619A1  
GENERAL INFORMATION:  
APPLICANT: Benson, Darin R.  
APPLICANT: Mohamath, Raodon  
APPLICANT: Lodes, Michael J.  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY  
TITLE OF INVENTION: AND DIAGNOSIS OF LUNG CANCER  
FILE REFERENCE: 210121.556  
CURRENT APPLICATION NUMBER: US/09/960,253  
CURRENT FILING DATE: 2001-09-20  
NUMBER OF SEQ ID NOS: 187  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 156  
LENGTH: 2930  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-960-253-156

Query Match 52.2%; Score 21.4; DB 10; Length 2930;  
Best Local Similarity 71.8%; Pred. No. 1.1e+02;  
Matches 28; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 2 AAACAGTCAAGTCAATCAAACTAGTCAAGGTC 40  
DB 757 AATATTCAGTCAAGGCGATCACTCCAAAGGTC 719

RESULT 12  
US-09-880-107-3718/C  
Sequence 3718, Application US/09880107  
Patent No. US20020142981A1  
GENERAL INFORMATION:  
APPLICANT: Horne, Darci T.  
APPLICANT: Vockley, Joseph G.  
APPLICANT: Scherif, Uwe  
APPLICANT: Gene Logic, Inc.  
TITLE OF INVENTION: Gene Expression Profiles in Liver Cancer  
FILE REFERENCE: 44921-5028-WO  
CURRENT APPLICATION NUMBER: US/09/880,107  
CURRENT FILING DATE: 2001-06-14  
PRIOR APPLICATION NUMBER: US 60/211,379  
PRIOR FILING DATE: 2000-06-14  
PRIOR APPLICATION NUMBER: US 60/237,054  
PRIOR FILING DATE: 2000-10-02  
NUMBER OF SEQ ID NOS: 3950  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 3718  
LENGTH: 3044  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
OTHER INFORMATION: Genbank Accession No. US20020142981A1 X51521  
NAME/KEY: unsure  
LOCATION: (1)-(3044)  
OTHER INFORMATION: n = a or c or g or t  
US-09-880-107-3718

Query Match 52.2%; Score 21.4; DB 10; Length 3044;  
Best Local Similarity 71.8%; Pred. No. 1.1e+02;  
Matches 28; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 2 AAACAGTCAAGTCAATCAAACTAGTCAAGGTC 40  
DB 798 AATATTCAGTCAAGGCGATCACTCCAAAGGTC 760

RESULT 13  
US-09-864-864-329/C  
Sequence 329, Application US/09864864  
Patent No. US20020102679A1  
GENERAL INFORMATION:  
APPLICANT: Xu, Jiangchun  
APPLICANT: Mitcham, Jennifer L.  
APPLICANT: Harlocker, Susan L.  
APPLICANT: Dillon, David C.  
APPLICANT: Secrist, Heather  
APPLICANT: Lodes, Michael J.  
APPLICANT: Algate, Paul A.  
APPLICANT: Fligg, Steve P.  
APPLICANT: Mannion, Jane  
APPLICANT: Benson, Darin R.  
APPLICANT: Carter, Darrick  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY  
TITLE OF INVENTION: AND DIAGNOSIS OF OVARIAN CANCER  
FILE REFERENCE: 210121.523  
CURRENT APPLICATION NUMBER: US/09/864,864  
CURRENT FILING DATE: 2001-05-23  
NUMBER OF SEQ ID NOS: 341  
SOFTWARE: Corixa Invention Disclosure Database  
SEQ ID NO 329  
LENGTH: 3047  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: misc-feature  
LOCATION: (1)-(3047)  
OTHER INFORMATION: n = A,T,C or G  
US-09-864-864-329

Query Match 52.2%; Score 21.4; DB 10; Length 3047;  
Best Local Similarity 71.8%; Pred. No. 1.1e+02;  
Matches 28; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 2 AAACAGTCAAGTCAATCAAACTAGTCAAGGTC 40  
DB 798 AATATTCAGTCAAGGCGATCACTCCAAAGGTC 760

RESULT 14  
US-09-925-299-123/C  
Sequence 123, Application US/09925299  
Publication No. US20030040617A9  
GENERAL INFORMATION:  
APPLICANT: Rosen et al.  
TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies  
FILE REFERENCE: PA102  
CURRENT APPLICATION NUMBER: US/09/925,299  
CURRENT FILING DATE: 2001-08-10  
PRIOR APPLICATION NUMBER: PCT/US00/05883  
PRIOR FILING DATE: 2000-03-08  
PRIOR APPLICATION NUMBER: 60/124,270  
PRIOR FILING DATE: 1999-03-12  
NUMBER OF SEQ ID NOS: 1556  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 123  
LENGTH: 3115  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-925-299-123



Query Match 52.2%; Score 21.4; DB 9; Length 3115;  
 Best Local Similarity 71.8%; Pred. No. 1.1e+02;  
 Matches 28; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 2 AAACTAGGTCAAGGTATCAAACTAGGTCAAGGTC 40  
 DB 830 AATATTGAGTCCAGGCGCATCAACTCAAGCCAAAGGTC 792

RESULT 15

US-09-925-299-123/C  
 ; Sequence 123, Application US/09925299  
 ; Patent No. US20020055627A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Rosen et al.  
 ; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies  
 ; FILE REFERENCE: PA102  
 ; CURRENT APPLICATION NUMBER: US/09/925,299  
 ; CURRENT FILING DATE: 2001-08-10  
 ; PRIOR APPLICATION NUMBER: PCT/US00/05883  
 ; PRIOR FILING DATE: 2000-03-08  
 ; PRIOR APPLICATION NUMBER: 60/124,270  
 ; PRIOR FILING DATE: 1999-03-12  
 ; NUMBER OF SEQ ID NOS: 1556  
 ; SOFTWARE: PatentIn Ver. 2.0.  
 ; SEQ ID NO 123  
 ; LENGTH: 3115  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-09-925-299-123

Query Match 52.2%; Score 21.4; DB 10; Length 3115;  
 Best Local Similarity 71.8%; Pred. No. 1.1e+02;  
 Matches 28; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 2 AAACTAGGTCAAGGTATCAAACTAGGTCAAGGTC 40  
 DB 830 AATATTGAGTCCAGGCGCATCAACTCAAGCCAAAGGTC 792

Search completed: June 14, 2003, 01:26:08  
 Job time : 15.566 secs



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OM nucleic - nucleic search, using sw model

Run on: June 13, 2003, 20:00:53 ; Search time 7.0742 Seconds  
(without alignments)  
2254.273 Million cell updates/sec

Title: US-09-808-388-4

Perfect score: 52  
Sequence: 1 caaactagctcaagatca.....caaactagctcaagatca 52

Scoring table: IDENTITY\_NUC  
Gapop 10.0, Gapext 1.0

Searched: 441362 seqs, 153338381 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Issued\_Patents\_NA:\*

1: /cgn2\_6/ptodata/2/ind/5A\_COMB.seq:\*  
2: /cgn2\_6/ptodata/2/ind/5B\_COMB.seq:\*  
3: /cgn2\_6/ptodata/2/ind/6A\_COMB.seq:\*  
4: /cgn2\_6/ptodata/2/ind/6B\_COMB.seq:\*  
5: /cgn2\_6/ptodata/2/ind/PTUS\_COMB.seq:\*  
6: /cgn2\_6/ptodata/2/ind/backfills1.seq:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
C 1	23.2	44.6	232	5	PCT-US93-06251-44
C 2	21.8	41.9	72928	3	US-09-009-913-1
C 3	20.8	40.0	541	4	US-09-404-879A-26
4	20.8	40.0	3970	1	US-07-925-695-3
5	20.8	40.0	9589	1	US-07-925-695-1
6	20.8	40.0	9589	1	US-07-925-695-2
C 7	20.6	39.6	2455	1	US-08-073-807A-1
C 8	20.6	39.6	4052	1	US-08-057-167-1
C 9	20.6	39.6	4052	2	PCT-US93-05412-1
10	20.6	39.6	246240	2	US-08-724-394A-20
11	20.6	39.6	246240	2	US-08-724-394A-21
12	20.6	39.6	246240	2	US-08-724-394A-22
13	20.4	39.2	3022	4	US-09-232-278A-8
C 14	20.4	39.2	3177	3	US-09-058-489-50
15	20.4	39.2	3674	1	US-08-105-483-324
16	20.4	39.2	3674	1	US-08-109-209-324
17	20.4	39.2	3674	1	US-08-458-101-324
18	20.2	38.8	328	1	US-08-455-550-5
C 19	20.2	38.8	4808	1	US-08-351-413-17
C 20	20.2	38.8	4808	2	US-09-025-583-17
21	20	38.5	8674	4	US-08-994-344C-1
22	20	38.5	9621	4	US-09-125-028-1
23	19.8	38.5	45546	4	US-09-146-655-6
24	19.8	38.1	1488	4	US-08-834-655-3
25	19.8	38.1	1488	3	US-08-834-033A-3
26	19.8	38.1	1488	3	US-09-363-574-3
27	19.8	38.1	1488	4	US-09-363-526-3

28	19.8	38.1	1488	4	US-09-330-235-19	Sequence 19, App1
C 29	19.8	38.1	1733	3	US-09-147-522-1	Sequence 1, App1
30	19.8	38.1	2417	1	US-08-011-398B-1	Sequence 1, App1
31	19.8	38.1	2417	1	US-08-464-051-1	Sequence 1, App1
32	19.8	38.1	2417	2	US-08-462-498-1	Sequence 1, App1
33	19.8	38.1	2417	3	US-08-554-385-2	Sequence 2, App1
34	19.8	38.1	2886	4	US-09-280-116-104	Sequence 104, App
C 35	19.8	38.1	3611	2	US-08-727-118-1	Sequence 1, App1
36	19.6	37.7	827	4	US-08-858-207A-190	Sequence 190, App
37	19.6	37.7	1497	1	US-08-488-961-5	Sequence 5, App1
38	19.6	37.7	1497	4	US-08-973-297-5	Sequence 5, App1
39	19.6	37.7	1497	5	PCT-US96-06511-5	Sequence 5, App1
40	19.6	37.7	28882	4	US-08-961-527-140	Sequence 140, App
41	19.4	37.3	1846	1	US-08-483-389-117	Sequence 117, App
42	19.4	37.3	2986	3	US-09-062-416-1	Sequence 1, App1
43	19.4	37.3	3016	2	US-08-344-155C-97	Sequence 97, App1
44	19.4	37.3	3017	4	US-09-009-490A-86	Sequence 86, App1
45	19.4	37.3	3024	6	5284931-1	Patent No. 5284931

## ALIGNMENTS

RESULT 1  
PCT-US93-06251-44/C  
; Sequence 44, Application PC/TUS9306251  
; GENERAL INFORMATION:  
; APPLICANT: WICKSTROM, Eric and Rife, Jason P.  
; TITLE OF INVENTION: Triterpene Synthesis of Oligonucleotides Containing  
; STEREO SPECIFIC ALKYLPHOSPHONATES AND ARYLPHOSPHONATES  
; NUMBER OF SEQUENCES: 93  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: SCULLY, SCOTT, MURPHY & PRESSER  
; STREET: 400 Garden City Plaza  
; CITY: Garden City  
; STATE: NY  
; COUNTRY: USA  
; ZIP: 11530  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US93/06251  
; FILING DATE: 19930630  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: DIGILIO, Frank S.  
; REGISTRATION NUMBER: 31,346  
; REFERENCE/DOCKET NUMBER: 8586  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 516-742-4343  
; TELEFAX: 516-742-4366  
; TELEX: 230 901 SANS UR  
; INFORMATION FOR SEQ ID NO: 44:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 232 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; PCT-US93-06251-44

Query Match 44.6%; Score 23.2; DB 5; Length 232;  
Best Local Similarity 70.5%; Pred. No. 1.1;  
Matches 31; Conservative 0; Mismatches 13; Indels 0; Gaps 0;

OY 2 AAACAGGCTCAAGTCATGCTTAGGCCCAAACTAGGTCA 45  
DB 73 AAACAGGCTCTTGCTGCGGCTTCTGACCCGACGACGTGCTCA 30

RESULT 2  
US-09-009-913-1  
; Sequence 1, Application US/09009913  
; Patent No. 6087485  
; GENERAL INFORMATION:  
; APPLICANT: AYS Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Asthma Related Genes  
; NUMBER OF SEQUENCES: 339  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Bozicevic & Reed, LLP  
; STREET: 285 Hamilton Ave, Suite 200  
; CITY: Palo Alto  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94301  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSeq for Windows Version 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/009,913  
; FILING DATE: 21-JAN-1998  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Sherwood, Pamela J  
; REGISTRATION NUMBER: 36,677  
; REFERENCE/DOCKET NUMBER: SEQ-4P  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 650-327-3231  
; TELEFAX: 650-327-3231  
; TELEX:  
; INFORMATION FOR SEQ ID NO: 1:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 72928 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
; MOLECULE TYPE: Genomic DNA  
; US-09-009-913-1

Query Match 41.9%; Score 21.8; DB 3; Length 72928;  
Best Local Similarity 65.3%; Pred. No. 17;  
Matches 32; Conservative 0; Mismatches 17; Indels 0; Gaps 0;

QY 2 AAAGTCTGCAAGGTCATGCTTTAGGCCCAAAAGTCAAGGT 50  
DB 37573 AAAGTCTGCAAGGTCATGCTTTTCTCAGCAATCTTGTCATGTGT 37621

RESULT 3  
US-09-404-879A-26/C  
; Sequence 26, Application US/09404879A  
; Patent No. 6468546  
; GENERAL INFORMATION:  
; APPLICANT: Mitcham, Jennifer L.  
; APPLICANT: King, Gordon E.  
; APPLICANT: Algate, Paul A.  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND  
; FILE REFERENCE: 210121.462C2  
; CURRENT APPLICATION NUMBER: US/09/404,879A  
; CURRENT FILING DATE: 1999-09-24  
; NUMBER OF SEQ ID NOS: 393  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 26  
; LENGTH: 541  
; TYPE: DNA  
; ORGANISM: Homo sapien  
; US-09-404-879A-26

Query Match 40.0%; Score 20.8; DB 4; Length 541;  
Best Local Similarity 78.1%; Pred. No. 13;  
Matches 25; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 6 CTAGTCAAGGTCATGCTTTAGCCCCAAA 37  
DB 294 CAAGTCAAGGACATGCTTTAGCCCCAAA 263

RESULT 4  
US-07-925-695-3  
; Sequence 3, Application US/07925695  
; Patent No. 5428145  
; GENERAL INFORMATION:  
; APPLICANT: OKAMOTO, Hiroaki  
; APPLICANT: NAKAMURA, Tetsuo  
; TITLE OF INVENTION: NON-A, NON-B HEPATITIS VIRUS GENOME,  
; TITLE OF INVENTION: POLYNUCLEOTIDES, POLYPEPTIDES, ANTIGEN, ANTIBODY AND  
; NUMBER OF SEQUENCES: 9  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Beveridge, Degrandi, Wellacher & Young  
; STREET: 1850 M Street, N.W., Suite 800  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: US  
; ZIP: 20036  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/07/925,695  
; FILING DATE: 19920807  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: JP 287402/91  
; FILING DATE: 09-AUG-1991  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: JP 360441/91  
; FILING DATE: 05-DEC-1991  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Wellacher, Robert G.  
; REGISTRATION NUMBER: 20,531  
; REFERENCE/DOCKET NUMBER: 06/87-48009  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202) 659-2811  
; TELEFAX: (202) 659-1462  
; TELEX: WUT 64470  
; INFORMATION FOR SEQ ID NO: 3:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 3970 base pairs  
; TYPE: NUCLEIC ACID  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-07-925-695-3

Query Match 40.0%; Score 20.8; DB 1; Length 3970;  
Best Local Similarity 64.6%; Pred. No. 21;  
Matches 31; Conservative 0; Mismatches 17; Indels 0; Gaps 0;

QY 5 ACTAGTCAAGGTCATGCTTTAGGCCCAAAAGTCAAGGTCA 52  
DB 1954 ACTGTCAGGACATGCAATGCCAACAATAGAGATGGGTCA 2001

RESULT 5  
US-07-925-695-1  
; Sequence 1, Application US/07925695  
; Patent No. 5428145  
; GENERAL INFORMATION:

APPLICANT: OKAMOTO, Hiroaki  
APPLICANT: NAKAMURA, Tetsuo  
TITLE OF INVENTION: NON-A, NON-B HEPATITIS VIRUS GENOME.  
TITLE OF INVENTION: POLYNUCLEOTIDES/ POLYPEPTIDES, ANTIGEN, ANTIBODY AND  
TITLE OF INVENTION: DETECTION SYSTEMS  
NUMBER OF SEQUENCES: 9  
CORRESPONDENCE ADDRESS:  
ADDRESS: Beveridge, Degrandi, Weillacher & Young  
STREET: 1850 M Street, N.W., Suite 800  
CITY: Washington  
STATE: D.C.  
COUNTRY: US  
ZIP: 20036  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/925,695  
FILING DATE: 19920807  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JP 287402/91  
FILING DATE: 09-AUG-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JP 360441/91  
FILING DATE: 05-DEC-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Weillacher, Robert G.  
REGISTRATION NUMBER: 20,531  
REFERENCE/DOCKET NUMBER: 06/87-48009  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 659-2811  
TELEFAX: (202) 659-1462  
TELEX: WU1 64470  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 9589 base pairs  
TYPE: NUCLEIC ACID  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-07-925-695-1

Query Match 40.0%; Score 20.8; DB 1; Length 9589;  
Best Local Similarity 54.2%; Pred. No. 26;  
Matches 26; Conservative 5; Mismatches 17; Indels 0; Gaps 0;

QY 5 ACTAGGTCGAAGTCATGCTTTAGGCCCAAACTAGGTCGAAGGTCA 52  
||:| ||| | ||:| | |||| | ||| | ||:|  
Db 4152 ACUUGUCCAGGACAUUGGCAUCCCAACAUUAGGACUGGGGUCA 4199

RESULT 6  
US-07-925-695-2  
Sequence 2, Application US/07925695  
Patent No. 5428145  
GENERAL INFORMATION:  
APPLICANT: OKAMOTO, Hiroaki  
APPLICANT: NAKAMURA, Tetsuo  
TITLE OF INVENTION: NON-A, NON-B HEPATITIS VIRUS GENOME.  
TITLE OF INVENTION: POLYNUCLEOTIDES, POLYPEPTIDES, ANTIGEN, ANTIBODY AND  
NUMBER OF SEQUENCES: 9  
CORRESPONDENCE ADDRESS:  
ADDRESS: Beveridge, Degrandi, Weillacher & Young  
STREET: 1850 M Street, N.W., Suite 800  
CITY: Washington  
STATE: D.C.  
COUNTRY: US  
ZIP: 20036  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/925,695  
FILING DATE: 19920807  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JP 287402/91  
FILING DATE: 09-AUG-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JP 360441/91  
FILING DATE: 05-DEC-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Weillacher, Robert G.  
REGISTRATION NUMBER: 20,531  
REFERENCE/DOCKET NUMBER: 06/87-48009  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 659-2811  
TELEFAX: (202) 659-1462  
TELEX: WU1 64470  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 9589 base pairs  
TYPE: NUCLEIC ACID  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-07-925-695-2

Query Match 40.0%; Score 20.8; DB 1; Length 9589;  
Best Local Similarity 64.6%; Pred. No. 26;  
Matches 31; Conservative 0; Mismatches 17; Indels 0; Gaps 0;

QY 5 ACTAGGTCGAAGTCATGCTTTAGGCCCAAACTAGGTCGAAGGTCA 52  
||| | ||| | |||| | | |||| | |||| | ||||  
Db 4152 ACTGTCCAGGACATGTCATCATCCACATTAGGACGCGGTCA 4199

RESULT 7  
US-08-073-807A-1/c  
Sequence 1, Application US/08073807A  
Patent No. 5646248  
GENERAL INFORMATION:  
APPLICANT: Sawada, Ritsuko  
APPLICANT: Lowe, John B.  
TITLE OF INVENTION: CELL SURFACE LAMP EXPRESSION AND  
TITLE OF INVENTION: SELECTIN-DEPENDENT ADHESION  
NUMBER OF SEQUENCES: 18  
CORRESPONDENCE ADDRESS:  
ADDRESS: Campbell and Flores  
STREET: 4370 La Jolla Village Drive, Suite 700  
CITY: San Diego  
STATE: California  
COUNTRY: United States  
ZIP: 92122  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/073,807A  
FILING DATE: 08-JUN-1993  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Campbell, Cathryn A.  
REGISTRATION NUMBER: 31,815  
REFERENCE/DOCKET NUMBER: P-LJ 9567  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 535-9001  
TELEFAX: (619) 535-8949  
INFORMATION FOR SEQ ID NO: 1:



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* OPERATING SYSTEM: PC-DOS/MS-DOS
* SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/724,394A
FILING DATE: 01-OCT-1996
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Fitts, Renee A., 136
REGISTRATION NUMBER: 35,136
REFERENCE/DOCKET NUMBER: 017957-000100
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-576-0200
TELEFAX: 415-576-0300
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 246240 base pairs
TYPE: nucleic acid
STRANDEDNESS: not relevant
TOPOLOGY: not relevant
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: misc_feature
LOCATION: 1..246240
OTHER INFORMATION: /note= "HLA-H CONTIG"
US-08-724-394A-21

Query Match          39.6%; Score 20.6; DB 2; Length 246240;
Best Local Similarity 67.4%; Pred. No. 67;
Matches    29; Conservative   0; Mismatches    14; Indels     0; Gaps      0;

QY              1 CAAAGTAGGTCAAAGGTCATGCTTTAGGCCCAACCATAGT 43
Db             121059 CAAGAATAAGTGTAAGAATTGGTTTTTAAGGATTAACCTAGT 121101
                ||||| ||||| | | | || | | | | | | | | | | | | | | |
RESULT 12
US-08-724-394A-22
Sequence 22, Application US/08724394A
Patent No. 5872237
GENERAL INFORMATION:
APPLICANT: Federal, John N.
APPLICANT: Krommal, Gregory S.
APPLICANT: Laufer, Peter W.
APPLICANT: Ruddy, David A.
APPLICANT: Thomas, Winston
APPLICANT: Tsuchihashi, Zenta
APPLICANT: Wolff, Roger K.
TITLE OF INVENTION: Megabase Transcript Map: No. 5872237el
TITLE OF INVENTION: Sequences and Antibodies Thereto
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: TOWNSEND AND TOWNSEND AND CREW LLP
STREET: Two Embarcadero Center, 8th Floor
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/724,394A
FILING DATE: 01-OCT-1996
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Fitts, Renee A., 136
REGISTRATION NUMBER: 35,136
REFERENCE/DOCKET NUMBER: 017957-000100
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-576-0200
TELEFAX: 415-576-0300
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INFORMATION FOR SEQ ID NO: 22:

SEQUENCE CHARACTERISTICS:

LENGTH: 246240 base pairs

TYPE: nucleic acid

STRANDEDNESS: not relevant

TOPOLOGY: not relevant

MOLECULE TYPE: cDNA

FEATURE:

NAME/KEY: misc-feature

LOCATION: 1..246240

OTHER INFORMATION: /note="HLA-H.CONTIG"

US-08-724-394A-22

Query Match

Best Local Similarity 39.6%; Score 20.6; DB 2; Length 246240;

Matches 29; Conservative 0; Mismatches 14; Indels 0; Gaps 0;

QY 1 CAAACCTAGTCGAAGTCATGCTTTAGGCCCAAACTAGCT 43

DB 121059 CAAAAATAGGTGAGAAATTTGTTTAAAGATAAAGTCTAGCT 121101

RESULT 13

US-09-232-278A-8

Sequence 8, Application US/09232278A

Patent No. 6348196

GENERAL INFORMATION:

APPLICANT: AUDONNET et al.

TITLE OF INVENTION: FELINE POLYNUCLEOTIDE VACCINE FORMULA

FILE REFERENCE: 454313-2220

CURRENT APPLICATION NUMBER: US/09/232,278A

NUMBER OF SEQ ID NOS: 30

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 8

LENGTH: 3022

TYPE: DNA

ORGANISM: Feline leukemia virus

US-09-232-278A-8

Query Match

Best Local Similarity 39.2%; Score 20.4; DB 4; Length 3022;

Matches 30; Conservative 0; Mismatches 16; Indels 0; Gaps 0;

QY 4 AACTAGTCAAGGTCATGCTTTAGGCCCAAACTAGTCAAGG 49

DB 1010 AAGAAAGCAAGGCTCTTCTTGAGGCCGCAAGAGGTTCCAGG 1055

RESULT 14

US-09-058-489-50/c

Sequence 50, Application US/09058489

Patent No. 6103886

GENERAL INFORMATION:

APPLICANT: Whitehead Institute for Biomedical Research

APPLICANT: Lahn, Bruce

TITLE OF INVENTION: Genes in the No. 6103886-Recombining Region of

FILE REFERENCE: WH197-08DA

CURRENT APPLICATION NUMBER: US/09/058,489

EARLIER FILING DATE: 1998-04-10

NUMBER OF SEQ ID NOS: 91

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 50

LENGTH: 3177

TYPE: DNA

ORGANISM: Human

US-09-058-489-50

Query Match

39.2%; Score 20.4; DB 3; Length 3177;

Best Local Similarity 71.1%; Pred. No. 28;

Matches 27; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 8 AGGTCAAGGTCATGCTTTAGGCCCAAACTAGTCA 45

DB 600 AGCTACAGCTCAGGTCCATGCCCCAAGACTAGCACA 563

RESULT 15

US-08-105-483-324

Sequence 324, Application US/08105483

Patent No. 3494807

GENERAL INFORMATION:

APPLICANT: Paoletti, Enzo

TITLE OF INVENTION: GENETICALLY ENGINEERED VACCINE

NUMBER OF SEQUENCES: 462

CORRESPONDENCE ADDRESS:

ADDRESSEE: Curtis, Morris & Safford

ADDRESS: c/o William S. Frommer

STREET: 530 Fifth Avenue

CITY: New York

STATE: NY

COUNTRY: USA

ZIP: 10036

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/105,483

FILING DATE: 12-AUG-1993

CLASSIFICATION: 424

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/847,951

FILING DATE: 06-MAR-1992

ATTORNEY/AGENT INFORMATION:

NAME: Frommer, William S.

REGISTRATION NUMBER: 25,506

REFERENCE/DOCKET NUMBER: 454310-2400

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212) 840-3333

TELEFAX: (212) 840-0712

INFORMATION FOR SEQ ID NO: 324:

SEQUENCE CHARACTERISTICS:

LENGTH: 3674 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-105-483-324

Query Match

Best Local Similarity 39.2%; Score 20.4; DB 1; Length 3674;

Matches 30; Conservative 0; Mismatches 16; Indels 0; Gaps 0;

QY 4 AACTAGTCAAGGTCATGCTTTAGGCCCAAACTAGTCAAGG 49

DB 1661 AAGAAAGCAAGGCTCTTCTTGAGGCCGCAAGAGGTTCCAGG 1706

Search completed: June 13, 2003, 20:57:57

Job time : 9.07421 secs



GenCore version 5.1.6  
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OM nucleic - nucleic search, using sw model

Run on: June 13, 2003, 20:58:18 ; Search time 14.669 Seconds  
(without alignments)  
5133.209 Million cell updates/sec

Title: US-09-808-388-4

Perfect score: 52

Sequence: 1 caaactagtcacaaagtca.....caaactagtcacaaagtca 52

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 1029858 seqs, 724030393 residues 2059716

Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Published\_Applications\_NA:\*

1: /cgn2\_6/ptodata/2/pubpna/US07\_PUBCOMB.seq:\*  
2: /cgn2\_6/ptodata/2/pubpna/PC1\_NEM\_PUB.seq:\*  
3: /cgn2\_6/ptodata/2/pubpna/US06\_NEM\_PUB.seq:\*  
4: /cgn2\_6/ptodata/2/pubpna/US06\_PUBCOMB.seq:\*  
5: /cgn2\_6/ptodata/2/pubpna/US07\_NEM\_PUB.seq:\*  
6: /cgn2\_6/ptodata/2/pubpna/US07\_PUBCOMB.seq:\*  
7: /cgn2\_6/ptodata/2/pubpna/US08\_NEM\_PUB.seq:\*  
8: /cgn2\_6/ptodata/2/pubpna/US08\_PUBCOMB.seq:\*  
9: /cgn2\_6/ptodata/2/pubpna/US09\_NEM\_PUB.seq:\*  
10: /cgn2\_6/ptodata/2/pubpna/US09\_PUBCOMB.seq:\*  
11: /cgn2\_6/ptodata/2/pubpna/US10\_NEM\_PUB.seq:\*  
12: /cgn2\_6/ptodata/2/pubpna/US10\_PUBCOMB.seq:\*  
13: /cgn2\_6/ptodata/2/pubpna/US60\_NEM\_PUB.seq:\*  
14: /cgn2\_6/ptodata/2/pubpna/US60\_PUBCOMB.seq:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES				Description	
Result No.	Score	Match Length	ID		
1	52	100.0	52	10	US-09-808-388-4
2	23	44.2	867	10	US-09-770-445-571
3	22.8	43.8	60	9	US-09-877-705A-142
4	22.8	43.8	60	9	US-09-877-738A-142
5	22.2	42.7	451	9	US-09-918-995-2661
6	22.2	42.7	456	9	US-09-918-995-15681
7	22.2	42.7	42999	9	US-09-799-462A-17
8	22.2	42.7	42999	9	US-10-123-767-17
9	22.2	42.7	42999	9	US-09-836-911A-17
10	22.2	42.7	42999	9	US-10-151-081-17
11	22.2	42.7	42999	9	US-10-287-313-17
12	21.8	41.9	352	10	US-09-770-791-681
13	21.8	41.9	516	9	US-10-199-846-456
14	21.8	41.9	2086	10	US-09-784-877-3431
15	21.8	41.9	6027	10	US-09-070-927A-124
16	21.4	41.2	2480	9	US-10-078-770-53
17	21.4	41.2	2982	9	US-09-938-842A-2525
18	21.4	40.8	924	10	US-09-815-242-4203
19	21.2	40.8	960	10	US-09-815-242-8214

20	21.2	40.8	1008	10	US-09-876-225-1	Sequence 1, Appli
21	21.2	40.8	3135	7	US-08-781-986A-461	Sequence 461, App
22	21.2	40.8	73308	10	US-09-954-456-2276	Sequence 2276, Ap
23	21	40.4	41	10	US-09-808-388-3	Sequence 3, Appli
24	21	40.4	332	10	US-09-808-388-6	Sequence 6, Appli
25	21	40.4	478	10	US-09-864-761-580	Sequence 580, App
26	21	40.4	508	10	US-09-783-590-4401	Sequence 4401, Ap
27	20.8	40.0	498	9	US-10-202-193-218	Sequence 218, App
28	20.8	40.0	498	9	US-09-918-995-19237	Sequence 19237, A
29	20.8	40.0	541	9	US-09-907-966-26	Sequence 26, Appli
30	20.8	40.0	541	10	US-09-884-441-26	Sequence 26, Appli
31	20.8	40.0	1312	9	US-10-202-193-335	Sequence 335, App
32	20.8	40.0	2497	9	US-09-989-920-60	Sequence 60, Appli
33	20.8	40.0	5531	9	US-10-037-270-619	Sequence 619, App
34	20.6	39.6	403	9	US-09-918-995-6648	Sequence 6648, Ap
35	20.6	39.6	509	10	US-09-815-343-1278	Sequence 1278, Ap
36	20.6	39.6	998	10	US-09-765-213A-1	Sequence 1, Appli
37	20.6	39.6	1251	9	US-10-125-635A-383	Sequence 383, App
38	20.6	39.6	1251	9	US-09-938-864-383	Sequence 383, App
39	20.6	39.6	1251	9	US-10-002-603-383	Sequence 383, App
40	20.6	39.6	1773	9	US-09-938-842A-2960	Sequence 2960, Ap
41	20.6	39.6	2072	10	US-09-725-725A-11	Sequence 11, Appli
42	20.6	39.6	436	9	US-09-522-334-26	Sequence 26, Appli
43	20.6	39.6	5046	10	US-09-725-725A-13	Sequence 13, Appli
44	20.6	39.6	180557	12	US-10-003-806-6	Sequence 6, Appli
45	20.6	39.6	180557	12	US-10-003-806-9	Sequence 9, Appli

## ALIGNMENTS

RESULT 1

US-09-808-388-4

Sequence 4, Application US/09808388

Patent No. US20020081719A1

GENERAL INFORMATION:

APPLICANT: Massaad, Chabel

APPLICANT: Berenbaum, Francis

APPLICANT: Olivier, Jean-Luc

APPLICANT: Salvat, Colette

APPLICANT: Berezat, Gilbert

TITLE OF INVENTION: Inflammation Inducible Hybrid Promoters, Vectors Comprising th

FILE REFERENCE: ST00010

CURRENT APPLICATION NUMBER: US/09/808,388

PRIOR APPLICATION NUMBER: FR/00/03262

PRIOR FILING DATE: 2000-03-14

PRIOR APPLICATION NUMBER: US 60/196,959

PRIOR FILING DATE: 2000-04-13

NUMBER OF SEQ ID NOS: 7

SOFTWARE: PatentIn version 3.0

SEQ ID NO 4

LENGTH: 52

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: PRE element

US-09-808-388-4

Query Match 100.0%; Score 52; DB 10; Length 52;

Best Local Similarity 100.0%; Pred. No. 3.4e-11;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CAAACTAGGTCACAGGTCATCTTTAGGCCCAAACTAGTCAAGTCA 52

DB 1 CAAACTAGGTCACAGGTCATCTTTAGGCCCAAACTAGTCAAGTCA 52

RESULT 2

US-09-770-445-571

Sequence 571, Application US/09770445

Patent No. US20020023281A1

```

; GENERAL INFORMATION:
; APPLICANT: Gorlach, Jörn
; APPLICANT: An, Yong-Qiang
; APPLICANT: Hamilton, Carol M.
; APPLICANT: Price, Jennifer L.
; APPLICANT: Raine, Tracy M.
; APPLICANT: Yu, Yang
; APPLICANT: Rameaka, Joshua G.
; APPLICANT: Page, Amy
; APPLICANT: Mathew, Abraham V.
; APPLICANT: Ledford, Brooke L.
; APPLICANT: Woessner, Jeffrey P.
; APPLICANT: Haas, William David
; APPLICANT: Garcia, Carlos A.
; APPLICANT: Kricker, Maja
; APPLICANT: Slader, Ted
; APPLICANT: Davis, Keith R.
; APPLICANT: Allen, Keith
; APPLICANT: Hoffman, Neil
; APPLICANT: Hurban, Patrick
; TITLE OF INVENTION: Expressed Sequences of Arabidopsis
; FILE REFERENCE: 2023US (PARA-012PRV)
; CURRENT APPLICATION NUMBER: US/09/770,445
; PRIOR FILING DATE: 2001-01-26
; PRIOR FILING DATE: 2000-01-27
; NUMBER OF SEQ ID NOS: 999
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 571
; LENGTH: 867
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(867)
; OTHER INFORMATION: n = A,T,C or G
; US-09-770-445-571

Query Match
Best Local Similarity 70.7%; Pred. No. 18;
Matches 29; Conservative 0; Mismatches 12; Indels 0; Gaps 0;

QY
7 TAGGTCAAGTCATGCTTTAGGCCCAAACTAGTCAAA 47
Db
606 TAGGTACCAATACGCTTTGGCGCAACACTAGATNMA 646

RESULT 3
US-09-877-705A-142/c
; Sequence 142, Application US/09877705A
; Publication No. US2003008283A1
; GENERAL INFORMATION:
; APPLICANT: Li, Jason
; TITLE OF INVENTION: METHOD FOR SCREENING FOR DRUG CANDIDATES FOR MODULATING TRANSCRIPT
; FILE REFERENCE: 26757-704
; CURRENT APPLICATION NUMBER: US/09/877,705A
; PRIOR FILING DATE: 2001-08-16
; NUMBER OF SEQ ID NOS: 162
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 142
; LENGTH: 60
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Hybridization probe MP68
; US-09-877-705A-142

Query Match
43.8%; Score 22.8; DB 9; Length 60;
Best Local Similarity 75.0%; Pred. No. 10;
Matches 45; Conservative 0; Mismatches 7; Indels 8; Gaps 1;
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QY
1 CAAACTAGGTCAAAGGTC-----ATGCTTTAGGCCCAAACTAGTCAAAAGGTCA 52
Db
60 CAAACTAGGTCAAAGGTCACAAACTAGGTCACAAACTAGGTCACAAACTAGGTCAAAGGTCA 1

RESULT 4
US-09-877-738A-142/c
; Sequence 142, Application US/09877738A
; Publication No. US20030022173A1
; GENERAL INFORMATION:
; APPLICANT: Li, Jason
; TITLE OF INVENTION: METHOD AND KIT FOR ISOLATING DNA PROBES THAT BIND TO ACTIVATED
; FILE REFERENCE: 26757-701
; CURRENT APPLICATION NUMBER: US/09/877,738A
; PRIOR FILING DATE: 2001-06-01
; NUMBER OF SEQ ID NOS: 162
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 142
; LENGTH: 60
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Hybridization probe MP68
; US-09-877-738A-142

Query Match
43.8%; Score 22.8; DB 9; Length 60;
Best Local Similarity 75.0%; Pred. No. 10;
Matches 45; Conservative 0; Mismatches 7; Indels 8; Gaps 1;
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QY
1 CAAACTAGGTCAAAGGTC-----ATGCTTTAGGCCCAAACTAGTCAAAAGGTCA 52
Db
60 CAAACTAGGTCAAAGGTCACAAACTAGGTCACAAACTAGGTCACAAACTAGGTCAAAGGTCA 1

RESULT 5
US-09-918-995-2661/c
; Sequence 2661, Application US/09918995
; Publication No. US20030073623A1
; GENERAL INFORMATION:
; APPLICANT: Hysed, Inc.
; TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OBTAINED
; FILE REFERENCE: 20411-756
; CURRENT APPLICATION NUMBER: US/09/918,995
; PRIOR FILING DATE: 2001-07-30
; PRIOR FILING DATE: 1999-01-20
; NUMBER OF SEQ ID NOS: 38054
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 2661
; LENGTH: 451
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(451)
; OTHER INFORMATION: n = A,T,C or G
; US-09-918-995-2661

Query Match
42.7%; Score 22.2; DB 9; Length 451;
Best Local Similarity 88.9%; Pred. No. 31;
Matches 24; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY
8 AGGTCAAGGTCATGCTTTAGGCCCA 34
Db
163 AGGTCAAGGTCATGCTTTAGGCCCA 137

RESULT 6
US-09-918-995-15681/c
; Sequence 15681, Application US/09918995
; Publication No. US20030073623A1
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GENERAL INFORMATION:  
APPLICANT: Hyseq, Inc.  
TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OBTAINED  
FILE OF INVENTION: FROM VARIOUS CDNA LIBRARIES  
FILE REFERENCE: 20411-756  
CURRENT APPLICATION NUMBER: US/09/918,995  
CURRENT FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: US/09/235,076  
PRIOR FILING DATE: 1999-01-20  
NUMBER OF SEQ ID NOS: 38054  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 15681  
LENGTH: 456  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: misc-feature  
LOCATION: (1)...(456)  
OTHER INFORMATION: n = A,T,C or G  
US-09-918-995-15681

Query Match 42.7%; Score 22.2; DB 9; Length 456;  
Best Local Similarity 69.8%; Pred. No. 31;  
Matches 30; Conservative 0; Mismatches 13; Indels 0; Gaps 0;

OY 3 AACTAGGTCGAAGTCATGCTTAGCCCAAACTAGTGCA 45  
DB 431 AACTAGGACGAGTCACAGTGTGTGGCGCAACACTTGACCA 389

RESULT 7  
US-09-799-462A-17

Sequence 17, Application US/09799462A  
Patent No. US20020160970A1  
GENERAL INFORMATION:

APPLICANT: Hadlaczky, Gyula

ADDRESS: Szalay, Aladar

TITLE OF INVENTION: ARTIFICIAL CHROMOSOMES, USES THEREOF

NUMBER OF SEQUENCES: 34

CORRESPONDENCE ADDRESS:

ADDRESSEE: Heller Ehrman White & McCauliffe

STREET: 4250 Executive Square, 7th Floor

CITY: La Jolla

STATE: CA

COUNTRY: USA

ZIP: 92037

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FastSeq Version 1.5

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/799,462A

FILING DATE: 10-Sep-2001

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/835,682

FILING DATE: 10-APR-1997

APPLICATION NUMBER: 08/695,191

FILING DATE: 07-AUG-1996

APPLICATION NUMBER: 08/682,080

FILING DATE: 15-JUL-1996

APPLICATION NUMBER: 08/629,822

FILING DATE: 10-APR-1996

ATTORNEY/AGENT INFORMATION:

NAME: Seidman, Stephanie L

REGISTRATION NUMBER: 33,779

REFERENCE/DOCKET NUMBER: 24601-402G

TELECOMMUNICATION INFORMATION:

TELEPHONE: 858-450-8403

TELEFAX: 858-587-5360

TELEX: <Unknown>

INFORMATION FOR SEQ ID NO: 17:  
SEQUENCE CHARACTERISTICS:

LENGTH: 42999 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: Genomic DNA

HYPOTHETICAL: NO

ANTI-SENSE: NO

FRAGMENT TYPE: <Unknown>

ORIGINAL SOURCE:

SEQUENCE DESCRIPTION: SEQ ID NO: 17:

Query Match 42.7%; Score 22.2; DB 9; Length 42999;  
Best Local Similarity 69.8%; Pred. No. 1e+02;  
Matches 30; Conservative 0; Mismatches 13; Indels 0; Gaps 0;

OY 3 AACTAGGTCGAAGTCATGCTTAGCCCAAACTAGTGCA 45  
DB 35024 AACTAGGACGAGTCACAGTGTGTGGCGCAACACTTGACCA 35066

RESULT 8  
US-10-125-767-17

Sequence 17, Application US/10125767  
Patent No. US20020160410A1  
GENERAL INFORMATION:

APPLICANT: Hadlaczky, Gyula

TITLE OF INVENTION: ARTIFICIAL CHROMOSOMES, USES THEREOF AND METHODS FOR PREPARING ARTIFICIAL CHROMOSOMES

NUMBER OF SEQUENCES: 34

CORRESPONDENCE ADDRESS:

ADDRESSEE: Heller Ehrman White & McCauliffe LLP

STREET: 4350 La Jolla Village Drive, 7th Floor

CITY: San Diego

STATE: CA

COUNTRY: USA

ZIP: 92122

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FastSeq Version 1.5

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/125,767

FILING DATE: 17-Apr-2002

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/724,693

FILING DATE: 28-NOV-2000

APPLICATION NUMBER: 08/835,682

FILING DATE: 10-APR-1997

APPLICATION NUMBER: 08/695,191

FILING DATE: 07-AUG-1996

APPLICATION NUMBER: 08/682,080

FILING DATE: 15-JUL-1996

APPLICATION NUMBER: 08/629,822

FILING DATE: 10-APR-1996

ATTORNEY/AGENT INFORMATION:

NAME: Seidman, Stephanie L

REGISTRATION NUMBER: 33,779

REFERENCE/DOCKET NUMBER: 24601-402J

TELECOMMUNICATION INFORMATION:

TELEPHONE: 858-450-8403

TELEFAX: 858-587-5360

TELEX: <Unknown>

INFORMATION FOR SEQ ID NO: 17:

SEQUENCE CHARACTERISTICS:

LENGTH: 42999 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: Genomic DNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE: <Unknown>  
ORIGINAL SOURCE:  
SEQUENCE DESCRIPTION: SEQ ID NO: 17:  
US-10-125-767-17

Query Match 42.7%; Score 22.2; DB 9; Length 42999;  
Best Local Similarity 69.8%; Pred. No. 1e+02;  
Matches 30; Conservative 0; Mismatches 13; Indels 0; Gaps 0;

QY 3 AACTAGTCAAGTCATGCTTTAGGCCCAAACTAGTCA 45  
||||| | | | | | | | | | | | | | | | | |  
Db 35024 AACTAGACGAGGTCCAGTGTGGCGCAACACTTGACA 35066

RESULT 9  
US-09-836-911A-17  
Sequence 17, Application US/09836911A  
Publication No. US20030033617A1  
GENERAL INFORMATION:  
APPLICANT: Szalay, Aladar  
Szalay, Aladar  
TITLE OF INVENTION: ARTIFICIAL CHROMOSOMES, USES THEREOF  
AND METHODS FOR PREPARING ARTIFICIAL CHROMOSOMES  
NUMBER OF SEQUENCES: 34  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Heller Ehrman White & McCauliffe  
STREET: 4350 La Jolla Village Drive, 6th Floor  
CITY: San Diego  
STATE: CA  
COUNTRY: USA  
ZIP: 92122  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/836,911A  
FILING DATE: 17-Apr-2002  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/835,682  
FILING DATE: 10-Apr-1997  
APPLICATION NUMBER: 08/695,191  
FILING DATE: 07-Aug-1996  
APPLICATION NUMBER: 08/682,080  
FILING DATE: 15-Jul-1996  
APPLICATION NUMBER: 08/629,822  
FILING DATE: 10-Apr-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Seidman, Stephanie L  
REGISTRATION NUMBER: 33,779  
REFERENCE/DOCKET NUMBER: 24601-4021  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 858-450-8403  
TELEFAX: 858-587-5360  
TELEX: <Unknown>  
INFORMATION FOR SEQ ID NO: 17:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 42999 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic DNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE: <Unknown>  
ORIGINAL SOURCE:  
SEQUENCE DESCRIPTION: SEQ ID NO: 17:  
US-09-836-911A-17

Query Match 42.7%; Score 22.2; DB 9; Length 42999;  
Best Local Similarity 69.8%; Pred. No. 1e+02;  
Matches 30; Conservative 0; Mismatches 13; Indels 0; Gaps 0;

QY 3 AACTAGTCAAGTCATGCTTTAGGCCCAAACTAGTCA 45  
||||| | | | | | | | | | | | | | | | | |  
Db 35024 AACTAGACGAGGTCCAGTGTGGCGCAACACTTGACA 35066

RESULT 10  
US-10-151-081-17  
Sequence 17, Application US/10151081  
Publication No. US20030083293A1  
GENERAL INFORMATION:  
APPLICANT: Szalay, Aladar  
Szalay, Aladar  
TITLE OF INVENTION: ARTIFICIAL CHROMOSOMES, USES THEREOF  
AND METHODS FOR PREPARING ARTIFICIAL CHROMOSOMES  
NUMBER OF SEQUENCES: 34  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Heller Ehrman White & McCauliffe  
STREET: 4250 Executive Square, 7th Floor  
CITY: La Jolla  
STATE: CA  
COUNTRY: USA  
ZIP: 92037  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/151,081  
FILING DATE: 16-May-2002  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/799,462  
FILING DATE: HEREMITH 05-MAR-2001  
APPLICATION NUMBER: 09/724,693  
FILING DATE: HEREMITH 28-NOV-2000  
APPLICATION NUMBER: 08/835,682  
FILING DATE: 10-Apr-1997  
APPLICATION NUMBER: 08/695,191  
FILING DATE: 07-Aug-1996  
APPLICATION NUMBER: 08/682,080  
FILING DATE: 15-Jul-1996  
APPLICATION NUMBER: 08/629,822  
FILING DATE: 10-Apr-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Seidman, Stephanie L  
REGISTRATION NUMBER: 33,779  
REFERENCE/DOCKET NUMBER: 24601-4021  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 858-450-8403  
TELEFAX: 858-587-5360  
TELEX: <Unknown>  
INFORMATION FOR SEQ ID NO: 17:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 42999 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic DNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE: <Unknown>  
ORIGINAL SOURCE:  
SEQUENCE DESCRIPTION: SEQ ID NO: 17:  
US-10-151-081-17

Query Match 42.7%; Score 22.2; DB 9; Length 42999;  
Best Local Similarity 69.8%; Pred. No. 1e+02;

Matches 30; Conservative 0; Mismatches 13; Indels 0; Gaps 0;

Oy 3 AAACAGTCAAGGTCATGCTTACGCCCCAAACAGTCA 45  
Db 35024 AAACAGGACGAGGTCCAGGTGTGTGCGCAACACTTGACACA 35066

## RESULT 11

US-10-287-313-17  
Sequence 17, Application US/10287313  
Publication No. US20030101480A1  
GENERAL INFORMATION:

APPLICANT: Hadlaczky, Gyula  
Szalay, Aladar

TITLE OF INVENTION: ARTIFICIAL CHROMOSOMES, USES THEREOF  
AND METHODS FOR PREPARING ARTIFICIAL CHROMOSOMES

NUMBER OF SEQUENCES: 34  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Heller Ehrman White & McCauliffe  
STREET: 4250 Executive Square, 7th Floor  
CITY: La Jolla

STATE: CA  
COUNTRY: USA

ZIP: 92037

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FastSeq Version 1.5

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/287,313  
FILING DATE: 01-NOV-2003  
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/724,726  
FILING DATE: 28-NOV-2000

APPLICATION NUMBER: 08/835,682  
FILING DATE: 10-APR-1997

APPLICATION NUMBER: 08/695,191  
FILING DATE: 07-AUG-1996

APPLICATION NUMBER: 08/682,080  
FILING DATE: 15-JUL-1996

APPLICATION NUMBER: 08/629,822  
FILING DATE: 10-APR-1996

ATTORNEY/AGENT INFORMATION:

NAME: Seidman, Stephanie L

REGISTRATION NUMBER: 33,779

REFERENCE/DOCKET NUMBER: 6869-402N

TELECOMMUNICATION INFORMATION:

TELEPHONE: 858-450-8403

TELEFAX: 858-587-5360

TELEX: <Unknown>

INFORMATION FOR SEQ ID NO: 17:

SEQUENCE CHARACTERISTICS:

LENGTH: 42999 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: Genomic DNA

HYPOTHETICAL: NO

ANTI-SENSE: NO

FRAGMENT TYPE: <Unknown>

ORIGINAL SOURCE:

SEQUENCE DESCRIPTION: SEQ ID NO: 17:

US-10-287-313-17

Query Match 42.7%; Score 22.2; DB 9; Length 42999;  
Best Local Similarity 69.8%; Pred. No. 1e+02;  
Matches 30; Conservative 0; Mismatches 13; Indels 0; Gaps 0;

Oy 3 AAACAGTCAAGGTCATGCTTACGCCCCAAACAGTCA 45  
Db 35024 AAACAGGACGAGGTCCAGGTGTGTGCGCAACACTTGACACA 35066

RESULT 12  
US-09-770-791-681  
Sequence 681, Application US/09770791  
Patent No. US20020062014A1

GENERAL INFORMATION:

APPLICANT: Gorlach, Jorn

APPLICANT: An, Yong-Qiang

APPLICANT: Hamilton, Carol M.

APPLICANT: Price, Jennifer L.

APPLICANT: Raines, Tracy M.

APPLICANT: Yu, Yang

APPLICANT: Rameaka, Joshua G.

APPLICANT: Page, Amy

APPLICANT: Matthew, Abraham V.

APPLICANT: Ledford, Brooke L.

APPLICANT: Woessner, Jeffrey P.

APPLICANT: Haas, William David

APPLICANT: Garcia, Carlos A.

APPLICANT: Krickler, Maja

APPLICANT: Slader, Ted

APPLICANT: Davis, Keith R.

APPLICANT: Allen, Keith

APPLICANT: Hoffman, Neil

APPLICANT: Hurlan, Patrick

TITLE OF INVENTION: Expressed Sequences of Arabidopsis

FILE REFERENCE: 2029 (PARA-018PRV)

CURRENT APPLICATION NUMBER: US/09/770,791

CURRENT FILING DATE: 2001-01-26

PRIOR APPLICATION NUMBER: 60/178,480

PRIOR FILING DATE: 2000-01-27

NUMBER OF SEQ ID NOS: 999

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 681

LENGTH: 352

TYPE: DNA

ORGANISM: Arabidopsis thaliana

FEATURE:

NAME/KEY: misc.feature

LOCATION: (1)...(352)

OTHER INFORMATION: n = A,T,C or G

US-09-770-791-681

Query Match 41.9%; Score 21.8; DB 10; Length 352;  
Best Local Similarity 65.3%; Pred. No. 41;  
Matches 32; Conservative 0; Mismatches 17; Indels 0; Gaps 0;

Oy 2 AAACAGTCAAGGTCATGCTTACGCCCCAAACAGTCAAGT 50  
Db 266 AAACGAGGACGAGGTATGCTTAAAGCCAAACATTATCAACATGT 314

RESULT 13  
US-10-198-846-456/c

Sequence 456, Application US/10198846

Publication No. US20030099974A1

GENERAL INFORMATION:

APPLICANT: Lillie, James

APPLICANT: Xu, Yongyao

APPLICANT: Wang, Youzhen

APPLICANT: Steinmann, Kathleen

TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS

FOR IDENTIFICATION, ASSESSMENT, PREVENTION, AND

FILE REFERENCE: MRI-049

CURRENT APPLICATION NUMBER: US/10/198,846

CURRENT FILING DATE: 2002-07-18

PRIOR APPLICATION NUMBER: 60/306,220

PRIOR FILING DATE: 2001-07-18

NUMBER OF SEQ ID NOS: 14084

SOFTWARE: FastSeq for Windows Version 4.0

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; SEQ ID NO 456
; LENGTH: 515
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: 3, 288, 319, 352, 367, 374, 390, 406, 411, 417, 428, 432,
; LOCATION: 436, 443, 477, 481, 488, 491, 495, 500, 502, 508
; OTHER INFORMATION: n = A,T,C or G
US-10-198-846-456

Query Match          41.9%: Score 21.8; DB 9; Length 515;
Best Local Similarity 64.4%: Pred. No. 46;
Matches 29; Conservative 0; Mismatches 16; Indels 0; Gaps 0;

QY 3 AAACGATGCAAGGTCATGCTTTAGGCCCAAACTAGGTCAAA 47
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 494 AAANTGTAAANGTNTTGTGACCAAGTAAAGTAA 450

RESULT 14
US-09-764-877-3431/C
; Sequence 3431, Application US/09764877
; Patent No. US20020147140A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC005
; CURRENT APPLICATION NUMBER: US/09/764,877
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - refer to PALM or file wrapper
; NUMBER OF SEQ ID NOS: 4031
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 3431
; LENGTH: 2086
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-877-3431

Query Match          41.9%: Score 21.8; DB 10; Length 2086;
Best Local Similarity 70.7%: Pred. No. 66;
Matches 29; Conservative 0; Mismatches 12; Indels 0; Gaps 0;

QY 2 AAACGATGTCAAAGTCATGCTTTAGGCCCAAACTAGG 42
    ||||| ||| ||||| ||| ||| ||| ||| ||| |||
DB 1821 AAAACAAGCCAAAGAGATTCTGTGAAAAAACTAAG 1781

RESULT 15
US-09-070-927A-124
; Sequence 124, Application US/09070927A
; Patent No. US20020120116A1
; GENERAL INFORMATION:
; APPLICANT: Charles A. Kunsch
;              Patrick J. Dillon
;              Steven Barash
; TITLE OF INVENTION: Enterococcus faecialis Polynucleotides and Polypeptides
; NUMBER OF SEQUENCES: 982
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Human Genome Sciences, Inc.
; STREET: 9410 Key West Avenue
; CITY: Rockville
; STATE: Maryland
; COUNTRY: USA
; ZIP: 20850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.4mb storage
; COMPUTER: HP Vectra 486/33
; OPERATING SYSTEM: MSDOS version 6.2
; SOFTWARE: ASCII Text
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/070,927A
; FILING DATE: 04-May-2000
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; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/046,655
; FILING DATE: 1997-05-16
; APPLICATION NUMBER: 60/044,031
; FILING DATE: 1997-05-06
; APPLICATION NUMBER: 60/066,009
; FILING DATE: 1997-11-14
; ATTORNEY/AGENT INFORMATION:
; NAME: Kenley K. Hoover
; REGISTRATION NUMBER: 40,302
; REFERENCE/DOCKET NUMBER: PB369
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (301) 309-8504
; TELEFAX: (301) 309-8512
; INFORMATION FOR SEQ ID NO: 124:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 6027 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 124:
US-09-070-927A-124

Query Match          41.9%: Score 21.8; DB 10; Length 6027;
Best Local Similarity 70.7%: Pred. No. 87;
Matches 29; Conservative 0; Mismatches 12; Indels 0; Gaps 0;

QY 12 CAAGGTCATGCTTTAGGCCCAAACTAGTCAAGGTCA 52
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DB 5861 CAAAGTAATTCTTCTGCTCCCAATATATGTAACGGTCA 5901

Search completed: June 14, 2003, 01:26:10
Job time : 16.669 secs
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GenCore version 5.1.6  
Copyright (c) 1993 - 2003 Compugen Ltd.

OM nucleic - nucleic search, using sw model

Run on: June 13, 2003, 20:00:53 ; Search time 36.8675 Seconds  
(without alignments)  
2254.273 Million cell updates/sec

Title: US-09-808-388-5

Perfect score: 271

Sequence: 1 cgcgcgaacactgcctgaaa.....caactctgagctctgag 271

Scoring table:

IDENTITY\_NUC  
Gapop 10.0 , Gapext 1.0

Searched: 441362 seqs, 15338381 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Issued\_Patents\_NA: \*  
1: /cgn2\_6/ptodata/2/ina/5A\_COMB.seq: \*  
2: /cgn2\_6/ptodata/2/ina/5B\_COMB.seq: \*  
3: /cgn2\_6/ptodata/2/ina/6A\_COMB.seq: \*  
4: /cgn2\_6/ptodata/2/ina/6B\_COMB.seq: \*  
5: /cgn2\_6/ptodata/2/ina/PC105\_COMB.seq: \*  
6: /cgn2\_6/ptodata/2/ina/backfillseq1.seq: \*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

## SUMMARIES

Result	No.	Score	Query	Match	Length	ID	Description
C	1	30.6	11.3	305	4	US-09-328-111-618	Sequence 618, App
C	2	30.4	11.2	1549	2	US-08-858-444-1	Sequence 1, Appl
C	3	29.6	10.9	9299	3	US-08-458-434A-7	Sequence 7, Appl
C	4	29.2	10.8	3111	2	US-09-014-969-12	Sequence 12, Appl
C	5	29	10.7	204	4	US-09-506-729-37	Sequence 37, Appl
C	6	29	10.7	1883	1	US-08-203-056-2	Sequence 2, Appl
C	7	29	10.7	1933	1	US-08-076-093A-1	Sequence 1, Appl
C	8	29	10.7	1933	1	US-08-410-451-1	Sequence 1, Appl
C	9	29	10.7	1933	1	US-08-410-455-1	Sequence 1, Appl
C	10	29	10.7	1933	1	US-08-418-919-1	Sequence 1, Appl
C	11	29	10.7	1933	1	US-08-410-453A-2	Sequence 2, Appl
C	12	29	10.7	1933	1	US-08-701-265-1	Sequence 1, Appl
C	13	29	10.7	1933	1	US-08-410-454A-2	Sequence 2, Appl
C	14	29	10.7	1933	2	US-08-284-586-1	Sequence 1, Appl
C	15	29	10.7	1933	2	US-08-410-456A-2	Sequence 2, Appl
C	16	29	10.7	1933	2	US-08-803-478-1	Sequence 1, Appl
C	17	29	10.7	1933	2	US-08-803-627A-1	Sequence 1, Appl
C	18	29	10.7	1933	2	US-08-801-238-1	Sequence 1, Appl
C	19	29	10.7	1933	2	US-08-801-228-1	Sequence 1, Appl
C	20	29	10.7	1933	3	US-09-104-296-1	Sequence 1, Appl
C	21	29	10.7	1933	5	PCT-US94106380-1	Sequence 1, Appl
C	22	28.6	10.6	3728	1	US-08-111-939-1	Sequence 1, Appl
C	23	28.4	10.5	2992	4	US-09-362-123A-3	Sequence 3, Appl
C	24	28.2	10.4	33	1	US-08-186-895-4	Sequence 5, Appl
C	25	28.2	10.4	4258	3	US-07-765-830A-5	Sequence 3, Appl
C	26	28	10.3	997	4	US-09-051-860A-3	Sequence 1, Appl
C	27	28	10.3	3100	1	US-08-296-362-1	Sequence 1, Appl

C	28	27.6	10.2	6803	3	US-08-665-259-19	Sequence 19, Appl
C	29	27.6	10.2	6803	3	US-08-762-500-19	Sequence 19, Appl
C	30	27.6	10.2	176373	3	US-09-128-155-17	Sequence 17, Appl
C	31	27	10.0	3021	4	US-09-556-877-182	Sequence 182, App
C	32	27	10.0	3021	4	US-09-620-412C-182	Sequence 182, App
C	33	27	10.0	3935	4	US-09-060-482-1	Sequence 1, Appl
C	34	27	10.0	7898	4	US-08-984-709A-49	Sequence 49, Appl
C	35	27	10.0	4403765	4	US-09-103-840A-2	Sequence 2, Appl
C	36	27	10.0	441529	4	US-09-103-840A-1	Sequence 1, Appl
C	37	26.8	9.9	1001	3	US-09-188-930-218	Sequence 218, App
C	38	26.8	9.9	1015	3	US-09-188-930-30	Sequence 30, Appl
C	39	26.6	9.8	238	4	US-08-905-223-128	Sequence 128, App
C	40	26.6	9.8	1452	2	US-08-770-544-7	Sequence 7, Appl
C	41	26.6	9.8	2458	3	US-09-071-101-5	Sequence 5, Appl
C	42	26.6	9.8	2458	3	US-09-369-618-6	Sequence 6, Appl
C	43	26.6	9.8	2458	3	US-09-369-617-6	Sequence 6, Appl
C	44	26.4	9.7	36519	3	US-08-923-137-2	Sequence 2, Appl
C	45	26.2	9.7	1356	2	US-08-484-126-4	Sequence 4, Appl

## ALIGNMENTS

```
RESULT 1
US-09-328-111-618/C
; Sequence 618, Application US/09328111
; Patent No. 6262333
; GENERAL INFORMATION:
; APPLICANT: Endege, Wilson O.
; APPLICANT: Steinmann, Kathleen E.
; APPLICANT: Astle, Jon H.
; APPLICANT: Burgess, Christopher C.
; APPLICANT: Bushnell, Steven E.
; APPLICANT: Carroll III, Eddie
; APPLICANT: Catino, Theodore J.
; APPLICANT: Derfl, Adnan
; APPLICANT: Ford, Donna M.
; APPLICANT: Lewis, Marcia E.
; APPLICANT: Monahan, John E.
; APPLICANT: Schlegel, Robert
; TITLE OF INVENTION: NOVEL HUMAN GENES AND GENE EXPRESSION
; FILE REFERENCE: CCD-257 (US)
; CURRENT APPLICATION NUMBER: US/09/328,111
; EARLIER FILING DATE: 1999-06-08
; EARLIER APPLICATION NUMBER: US 60/088,801
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 618
; LENGTH: 305
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-328-111-618

Query Match      11.3%; Score 30.6; DB 4; Length 305;
Best Local Similarity 56.4%; Pred No. 0.52;
Matches 57; Conservative 0; Mismatches 44; Indels 0; Gaps 0;

QY      3 CGCAAAACCTGCCTGAATGCTTTGGCAGTCAGTACGACGTAAGTTCCCAATC 62
      1111111111111111111111111111111111111111111111111111111
DB      217 CGCAAAATTAACACACAGCATGTGTGTATACATCCCCAGTGAGGCTGTAATTCCTCCATG 158
      1111111111111111111111111111111111111111111111111111111
QY      63 CTCACCTCTGCTCTCCACGCTGATATAGGGAAGGAAGGA 103
      1111111111111111111111111111111111111111111111111111111
DB      157 GTGACCTGTGACCTCTCCCTGAGACAGGGGAGGAGGAGCA 117
      1111111111111111111111111111111111111111111111111111111

RESULT 2
US-08-856-444-1
; Sequence 1, Application US/08856444
; Patent No. 5959081
; GENERAL INFORMATION:
```

APPLICANT: Lecka-Czerwik, Beata  
TITLE OF INVENTION: NO. 5959081el Zinc Binding LIM Protein S2-6  
NUMBER OF SEQUENCES: 3  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Benjamin Aaron Adler, Ph.D. J.D.  
STREET: 8011 Candle Lane  
CITY: Houston  
STATE: Texas  
ZIP: 77071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 1.44 mb floppy disk  
COMPUTER: Apple Macintosh  
OPERATING SYSTEM: Macintosh  
SOFTWARE: Microsoft Word for Macintosh  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/856,444  
FILING DATE: May 14, 1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
ATTORNEY/AGENT INFORMATION:  
NAME: Benjamin Aaron Adler, Ph.D.  
REGISTRATION NUMBER: 35,423  
REFERENCE/DOCKET NUMBER: D5988  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (713) 777-2321  
TELEFAX: (713) 777-6908  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1549 bp  
TYPE: nucleic acid  
STRANDEDNESS: single-stranded  
TOPOLOGY: linear  
MOLECULE TYPE: c-DNA  
DESCRIPTION: NO  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE:  
ORIGINAL SOURCE:  
IMMEDIATE SOURCE:  
POSITION IN GENOME:  
FEATURE:  
PUBLICATION INFORMATION:  
US-08-856-444-1  
Query Match 11.2%; Score 30.4; DB 2; Length 1549;  
Best Local Similarity 57.3%; Pred. No. 1.2;  
Matches 55; Conservative 0; Mismatches 41; Indels 0; Gaps 0;  
OY 50 AGCTTCCCAATCTCTCAACTCTGTCGCGCCAGCTGATGAGGGGAAGGAAGGATTAACCT 109  
DB 530 AAGTGGCCCTCCCGCGGAGGCTGCTTGCCTCAAGAGAGAGGGAAGGAAAGGCC 589  
OY 110 AGGGGATGAGGGGCAATCTCTGATCCACCAACTG 145  
DB 590 AGAGGGGCGAGAGACCACTGCTGTACACCAACGG 625  
RESULT 3  
US-08-458-434A-7/c  
Sequence 7, Application US/08458434A  
Patent No. 6083690  
GENERAL INFORMATION:  
APPLICANT: Harris Ph.D., Stephen E.  
APPLICANT: Mundy M.D., Gregory R.  
APPLICANT: Gosh-Choudhury Ph.D., Nandini  
APPLICANT: Feng Ph.D., Jian Q.  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR IDENTIFYING  
TITLE OF INVENTION: OSTEOGENIC AGENTS  
NUMBER OF SEQUENCES: 13  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: James C. Weseman, Esq.

STREET: 401 B. Street, Suite 1700  
CITY: San Diego  
STATE: CA  
COUNTRY: USA  
ZIP: 92101  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentln Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/458,434A  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Weseman, James C.  
REGISTRATION NUMBER: 30,507  
REFERENCE/DOCKET NUMBER: P00060U50  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 699-3604  
TELEFAX: 619-236-1048  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 9299 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-458-434A-7  
Query Match 10.9%; Score 29.6; DB 3; Length 9299;  
Best Local Similarity 59.3%; Pred. No. 4.7;  
Matches 50; Conservative 0; Mismatches 34; Indels 0; Gaps 0;  
OY 150 CGCCCATCCCGAGCCTTGCTCACCCTACCCCACTCCAGAGGAGGAGCTATTTA 209  
DB 6318 CCCCCACCCCCCGCCCTTCCTCCGCCCTCCAGCCCAATTTCACAACTTCAGCTGT 6259  
OY 210 AGGGAGCAGGAGTGTCAGAACAA 233  
DB 6258 AGAACAGAGAGAGGGGAGAACAGA 6235  
RESULT 4  
US-09-014-969-12  
Sequence 12, Application US/09014969  
Patent No. 5965397  
GENERAL INFORMATION:  
APPLICANT: Jacobs, Kenneth  
APPLICANT: McCoy, John M.  
APPLICANT: Lavaille, Edward R.  
APPLICANT: Racie, Lisa A.  
APPLICANT: Merberg, David  
APPLICANT: Treacy, Maurice  
APPLICANT: Spaulding, Vikki  
APPLICANT: Agostino, Michael J.  
TITLE OF INVENTION: SECRETED PROTEINS AND POLYNUCLEOTIDES  
TITLE OF INVENTION: ENCODING THEM  
NUMBER OF SEQUENCES: 32  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Genetics Institute, Inc.  
STREET: 87 Cambridgepark Drive  
CITY: Cambridge  
STATE: MA  
COUNTRY: U.S.A.  
ZIP: 02140  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentln Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/014,969



FILED DATE:  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Sprunger, Suzanne A.  
REGISTRATION NUMBER: 41,323  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 498-8284  
TELEFAX: (617) 876-5851  
INFORMATION FOR SEQ ID NO: 12:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 3111 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
US-09-014-969-12

Query Match 10.8%; Score 29.2; DB 2; Length 3111;  
Best Local Similarity 57.8%; Pred. No. 4;  
Matches 52; Conservative 0; Mismatches 38; Indels 0; Gaps 0;

OY 72 GTCCTGCAGCTGATGAGGGAGAGAAAGGATTACCTAGGGGTATGGCCACCAATCCT 131  
DB 957 GTCTGCTCCGCTGATGACGACCTTGATGAGAGACTACAGGCTGAGCTGTCCATCCC 1016  
OY 132 GAGTCCACCACTGACGACGCGCATCCCA 161  
DB 1017 CATGCCGGATCTTCCACACCCGCTCCCA 1046

RESULT 5  
US-09-506-729-37/c  
Sequence 37, Application US/09506729  
Patent No. 6365352  
GENERAL INFORMATION:  
APPLICANT: Yerramilli, Subrahmanyam V.  
APPLICANT: Prashar, Yalindra  
APPLICANT: Newberger, Peter  
APPLICANT: Goquen, Jon  
APPLICANT: Weissman, Sherman M.  
TITLE OF INVENTION: A PROCESS TO STUDY CHANGES IN GENE EXPRESSION IN  
FILE REFERENCE: 44921-5016-US  
CURRENT APPLICATION NUMBER: US/09/506/729  
CURRENT FILING DATE: 2000-02-18  
EARLIER APPLICATION NUMBER: PCT/US98/17284  
EARLIER FILING DATE: 1998-08-21  
EARLIER APPLICATION NUMBER: 60/056,844  
EARLIER FILING DATE: 1997-08-22  
NUMBER OF SEQ ID NOS: 66  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 37  
LENGTH: 204  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-506-729-37

Query Match 10.7%; Score 29; DB 4; Length 204;  
Best Local Similarity 57.0%; Pred. No. 1.5;  
Matches 53; Conservative 0; Mismatches 40; Indels 0; Gaps 0;

OY 4 GGCAAACTGCTGCTGAATGTGTTGGCATCAGTACGACAGTAAGTTTCCCAATCC 63  
DB 194 GGAACATCTGCTGCTGCCCATGAGTGTGGCTGCACATGCTTTCTAGGATGCTGATGC 135  
OY 64 TCAACTGTGCTGCCAGCTGATGAGGGGAAG 96  
DB 134 TGCACGCCAGCTGGAAGCTCAGAGGGGAAG 102

RESULT 6  
US-08-202-056-2/c  
Sequence 2, Application US/08202056

Patent No. 5440021  
GENERAL INFORMATION:  
APPLICANT: Chuntharapat, Anan  
APPLICANT: Hebert, Caroline  
APPLICANT: Kim, Kyung Jin  
APPLICANT: Lee, James  
TITLE OF INVENTION: Antibodies to Human IL-8 Type B Receptor  
NUMBER OF SEQUENCES: 8  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Genentech, Inc.  
STREET: 460 Point San Bruno Blvd  
CITY: South San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94080  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: patin (Genentech)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/202,056  
FILING DATE: 25-FEB-1994  
CLASSIFICATION: 436  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/677211  
FILING DATE: 29-MAR-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Love, Richard B.  
REGISTRATION NUMBER: 34,659  
REFERENCE/DOCKET NUMBER: 706P3  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415/225-5530  
TELEFAX: 415/952-9881  
TELEX: 910/371-7168  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1883 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-202-056-2

Query Match 10.7%; Score 29; DB 1; Length 1883;  
Best Local Similarity 57.0%; Pred. No. 3.8;  
Matches 53; Conservative 0; Mismatches 40; Indels 0; Gaps 0;

OY 4 GGCAAACTGCTGCTGAATGTGTTGGCATCAGTACGACAGTAAGTTTCCCAATCC 63  
DB 1865 GGAACATCTGCTGCTGCCCATGAGTGTGGCTGCACATGCTTTCTAGGATGCTGATGC 1806  
OY 64 TCAACTGTGCTGCCAGCTGATGAGGGGAAG 96  
DB 1805 TGCACGCCAGCTGGAAGCTCAGAGGGGAAG 1773

RESULT 7  
US-08-076-093A-1/c  
Sequence 1, Application US/08076093A  
Patent No. 5543503  
GENERAL INFORMATION:  
APPLICANT: Chuntharapat, Anan  
APPLICANT: Hebert, Caroline  
APPLICANT: Lee, James  
APPLICANT: Jin Kim, K.  
TITLE OF INVENTION: Antibodies to Human PFAA Receptors  
NUMBER OF SEQUENCES: 6  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Genentech, Inc.  
STREET: 460 Point San Bruno Blvd  
CITY: South San Francisco  
STATE: California  
COUNTRY: USA

ZIP: 94080  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch, 1.44 MB floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WinPatIn (Genentech)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/076,093A  
FILING DATE: 11-Jun-1993  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/810782  
FILING DATE: 19-DEC-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/677211  
FILING DATE: 29-MAR-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Love, Richard B.  
REGISTRATION NUMBER: 34,659  
REFERENCE/DOCKET NUMBER: 706P2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415/225-5530  
TELEFAX: 415/952-9881  
TELEX: 910/371-7168  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1933 nucleotides  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
US-08-076-093A-1

Query Match 10.7%; Score 29; DB 1; Length 1933;  
Best Local Similarity 57.0%; Pred. No. 3.8;  
Matches 53; Conservative 0; Mismatches 40; Indels 0; Gaps 0;

QY 4 GGCAAACTGCTGAATGTGTTTGGCATCAGCTACTGACACGTAAGGTTTCCCAATCC 63  
DB 1915 GGAACATCTGCTGCCCAATGACTGCTGCTGCACATGCTTCTTAGGATGCTGATGC 1856

QY 64 TCAACTCTGTCCTGCCAGCTGATGAGGGGAAG 96  
DB 1855 TGCACGCCAGCTTGGAAGCTGCACAGGGGAAG 1823

RESULT 8  
US-08-410-451-1/c  
Sequence 1, Application US/08410451  
Patent No. 5552284  
GENERAL INFORMATION:  
APPLICANT: Lee, James,  
APPLICANT: Holmes, William E.,  
APPLICANT: Woods, William I.  
TITLE OF INVENTION: Human pF4 Receptors and Their Use  
NUMBER OF SEQUENCES: 1  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Genentech, Inc.  
STREET: 460 Point San Bruno Blvd  
CITY: South San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94080  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: patIn (Genentech)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/410,451  
FILING DATE: 24-MAR-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/234494

FILING DATE: 28-APR-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/677211  
FILING DATE: 29-MAR-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Love, Richard B.  
REGISTRATION NUMBER: 34,659  
REFERENCE/DOCKET NUMBER: 706C1D4  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415/225-5530  
TELEFAX: 415/952-9881  
TELEX: 910/371-7168  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1933 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: Linear  
US-08-410-451-1

Query Match 10.7%; Score 29; DB 1; Length 1933;  
Best Local Similarity 57.0%; Pred. No. 3.8;  
Matches 53; Conservative 0; Mismatches 40; Indels 0; Gaps 0;

QY 4 GGCAAACTGCTGAATGTGTTTGGCATCAGCTACTGACACGTAAGGTTTCCCAATCC 63  
DB 1915 GGAACATCTGCTGCCCAATGACTGCTGCTGCACATGCTTCTTAGGATGCTGATGC 1856

QY 64 TCAACTCTGTCCTGCCAGCTGATGAGGGGAAG 96  
DB 1855 TGCACGCCAGCTTGGAAGCTGCACAGGGGAAG 1823

RESULT 9  
US-08-410-455-1/c  
Sequence 1, Application US/08410455  
Patent No. 5571702  
GENERAL INFORMATION:  
APPLICANT: Lee, James,  
APPLICANT: Holmes, William E.,  
APPLICANT: Woods, William I.  
TITLE OF INVENTION: Human pF4 Receptors and Their Use  
NUMBER OF SEQUENCES: 1  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Genentech, Inc.  
STREET: 460 Point San Bruno Blvd  
CITY: South San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94080  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: patIn (Genentech)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/410,455  
FILING DATE: 24-MAR-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/234494  
FILING DATE: 28-APR-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/677211  
FILING DATE: 29-MAR-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Love, Richard B.  
REGISTRATION NUMBER: 34,659  
REFERENCE/DOCKET NUMBER: 706C1D5  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415/225-5530  
TELEFAX: 415/952-9881  
TELEX: 910/371-7168

INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1933 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-410-455-1

Query Match 10.7%: Score 29; DB 1: Length 1933;  
Best Local Similarity 57.0%; Pred. No. 3.8;  
Matches 53; Conservative 0; Mismatches 40; Indels 0; Gaps 0;

QY 4 GGCAGAACTGCTGCTGAATGTGTTGGCTACATGACAGAGTATGCTTCCCAATCC 63  
DB 1915 GGAACATCTGCTGCTGCCATGACATGCTGCTGACATGCTTCTAGGATGCTGATGC 1856

QY 64 TCACTCTGCTGCTGCCAGCTGATGAGGGAAG 96  
DB 1855 TGCACGCCAGCTGGAAGCTGCAGAGGGAAG 1823

RESULT 10  
US-08-418-919-1/c  
Sequence 1, Application US/08418919  
Patent No. 5633141  
GENERAL INFORMATION:

APPLICANT: Lee, James,  
APPLICANT: Holmes, William E.,  
APPLICANT: Woods, William I.  
TITLE OF INVENTION: Human PFA Receptors and Their Use  
NUMBER OF SEQUENCES: 1  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Genentech, Inc.  
STREET: 460 Point San Bruno Blvd  
CITY: South San Francisco  
STATE: California  
COUNTRY: USA

ZIP: 94080

COMPUTER READABLE FORM:

MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: patin (Genentech)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/418,919

FILING DATE:

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/234,494

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Hensley, Max D.

REGISTRATION NUMBER: 27,043

REFERENCE/DOCKET NUMBER: 706

TELECOMMUNICATION INFORMATION:

TELEPHONE: 415/266-1994

TELEFAX: 415/952-9881

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 1933 bases

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-418-919-1

DB\* 1915 GGAACATCTGCTGCTGCCATGACATGCTGCTGACATGCTTCTAGGATGCTGATGC 1856  
QY 64 TCACTCTGCTGCTGCCAGCTGATGAGGGAAG 96  
DB 1855 TGCACGCCAGCTGGAAGCTGCAGAGGGAAG 1823

RESULT 11  
US-08-410-453A-2/c  
Sequence 2, Application US/08410453A  
Patent No. 5767063  
GENERAL INFORMATION:

APPLICANT: Lee, James,  
APPLICANT: Holmes, William E.,  
APPLICANT: Woods, William I.  
TITLE OF INVENTION: Human PFA Receptors and Their Use  
NUMBER OF SEQUENCES: 2  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Genentech, Inc.

STREET: 1 DNA Way

CITY: South San Francisco

STATE: California

COUNTRY: USA

ZIP: 94080

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Winpatin (Genentech)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/410,453A

FILING DATE: 24-Mar-1995

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/234494

FILING DATE: 28-Apr-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/677211

FILING DATE: 29-Mar-1991

ATTORNEY/AGENT INFORMATION:

NAME: Love, Richard B.

REGISTRATION NUMBER: 34,659

REFERENCE/DOCKET NUMBER: P0706C1D1

TELECOMMUNICATION INFORMATION:

TELEPHONE: 650/225-5530

TELEFAX: 650/952-9881

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 1933 base pairs

TYPE: Nucleic Acid

STRANDEDNESS: Single

TOPOLOGY: Linear

US-08-410-453A-2

Query Match 10.7%: Score 29; DB 1: Length 1933;  
Best Local Similarity 57.0%; Pred. No. 3.8;  
Matches 53; Conservative 0; Mismatches 40; Indels 0; Gaps 0;

QY 4 GGCAGAACTGCTGCTGAATGTGTTGGCTACATGACAGAGTATGCTTCCCAATCC 63  
DB 1915 GGAACATCTGCTGCTGCCATGACATGCTGCTGACATGCTTCTAGGATGCTGATGC 1856

QY 64 TCACTCTGCTGCTGCCAGCTGATGAGGGAAG 96  
DB 1855 TGCACGCCAGCTGGAAGCTGCAGAGGGAAG 1823

Query Match 10.7%: Score 29; DB 1: Length 1933;  
Best Local Similarity 57.0%; Pred. No. 3.8;  
Matches 53; Conservative 0; Mismatches 40; Indels 0; Gaps 0;

QY 4 GGCAGAACTGCTGCTGAATGTGTTGGCTACATGACAGAGTATGCTTCCCAATCC 63

RESULT 12  
US-08-701-265-1/c  
Sequence 1, Application US/08701265  
Patent No. 5776457  
GENERAL INFORMATION:

```

; APPLICANT: Chantharapai, Anan
; APPLICANT: Lee, James
; APPLICANT: Hebert, Caroline
; APPLICANT: Jin Kim, K.
; TITLE OF INVENTION: Antibodies to Human PFAA Receptors
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinPatIn (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/701,265
; FILING DATE: 22-AUG-1996
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/076093
; FILING DATE: 11-Jun-1993
; APPLICATION NUMBER: 07/810782
; FILING DATE: 19-DEC-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/677211
; FILING DATE: 29-MAR-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Love, Richard B.
; REGISTRATION NUMBER: 34,659
; REFERENCE/DOCKET NUMBER: 706P2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-5530
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1933 nucleotides
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
;
; US-08-701-265-1
;
; Query Match 10.7%; Score 29; DB 1; Length 1933;
; Best Local Similarity 57.0%; Pred. No. 3.8;
; Matches 53; Conservative 0; Mismatches 40; Indels 0; Gaps 0;
;
; QY 4 GGCAAACTGCTGGAATGTTGTCATCAGCTACTGACAGCTAGGTTTCCCAATCC 63
; 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11
; DB 1915 GGACATCTGCTGCTGCCCAATGACTGCTGCTGCACATGCTTTCTAGGATGCTGATGC 1856
; 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11
; QY 64 TCAACTGTGCTGCTGCCAGCTGATGAGGGGAAG 96
; 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11
; DB 1855 TGCACGCCAGCTGGAAGCTGCAGAGGGGAAG 1823
; 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11
;
; RESULT 13
; US-08-410-454A-2/C
; Sequence 2, Application US/08410454A
; Patent No. 5783415
; GENERAL INFORMATION:
; APPLICANT: Lee, James,
; APPLICANT: Holmes, William E.,
; APPLICANT: Woods, William I.,
; TITLE OF INVENTION: Human PFAA Receptors and Their Use
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
;
; US-08-410-454A-2/C
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; STATE: California
; COUNTRY: USA
; ZIP: 94080
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinPatIn (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/410,454A
; FILING DATE: 24-Mar-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/234494
; FILING DATE: 28-APR-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/677211
; FILING DATE: 29-MAR-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Love, Richard B.
; REGISTRATION NUMBER: 34,659
; REFERENCE/DOCKET NUMBER: P0706CID3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-5530
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1933 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
;
; US-08-410-454A-2
;
; Query Match 10.7%; Score 29; DB 1; Length 1933;
; Best Local Similarity 57.0%; Pred. No. 3.8;
; Matches 53; Conservative 0; Mismatches 40; Indels 0; Gaps 0;
;
; QY 4 GGCAAACTGCTGGAATGTTGTCATCAGCTACTGACAGCTAGGTTTCCCAATCC 63
; 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11
; DB 1915 GGACATCTGCTGCTGCCCAATGACTGCTGCTGCACATGCTTTCTAGGATGCTGATGC 1856
; 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11
; QY 64 TCAACTGTGCTGCTGCCAGCTGATGAGGGGAAG 96
; 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11
; DB 1855 TGCACGCCAGCTGGAAGCTGCAGAGGGGAAG 1823
; 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11
;
; RESULT 14
; US-08-284-586-1/C
; Sequence 1, Application US/08284586
; Patent No. 5840856
; GENERAL INFORMATION:
; APPLICANT: Chantharapai, Anan
; APPLICANT: Lee, James
; APPLICANT: Hebert, Caroline
; APPLICANT: Jin Kim, K.
; TITLE OF INVENTION: Antibodies to Human PFAA Receptors
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinPatIn (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/284,586
; FILING DATE:
;
; US-08-284-586-1/C
```

CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/076,093A  
FILING DATE: 11-Jun-1993  
APPLICATION NUMBER: 07/810782  
FILING DATE: 19-DEC-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/677211  
FILING DATE: 29-MAR-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Love, Richard B  
REGISTRATION NUMBER: 34,659  
REFERENCE/DOCKET NUMBER: 706P2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415/225-5530  
TELEFAX: 415/952-9881  
TELEX: 910/371-7168  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1933 nucleotides  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
US-08-284-586-1

Query Match 10.7% Score 29; DB 2; Length 1933;  
Best Local Similarity 57.0% Pred. No. 3.8;  
Matches 53: Conservative 0; Mismatches 40; Indels 0; Gaps 0;

QY 4 GGCAAACTGCTGAAATGTTTGGCATCAGCTAGTGCACAGTAAGTTTCCCAATCC 63  
DB 1915 GGACATCTGCTGCTGCCCATGAGCTGCTGCACATGCGTTTCTAGGATGCTGATGC 1856  
QY 64 TCACTCTGCTGCTGCCAGCTGATGAGGGAAG 96  
DB 1855 TGCACGCCAGCTGGAAGCTGCAGAGGGAAG 1823

RESULT 15  
US-08-410-456A-2/c  
Sequence 2, Application US/08410456A  
Patent No. 5856457  
GENERAL INFORMATION:  
APPLICANT: Lee, James,  
APPLICANT: Holmes, William E.,  
APPLICANT: Woods, William I.,  
TITLE OF INVENTION: Human PFAA Receptors and Their Use  
NUMBER OF SEQUENCES: 2  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Genentech, Inc.  
STREET: 1 DNA Way  
CITY: South San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94080  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WinPatIn (Genentech)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/410,456A  
FILING DATE: 24-Mar-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/234494  
FILING DATE: 28-Apr-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/677211  
FILING DATE: 29-MAR-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Love, Richard B.  
REGISTRATION NUMBER: 34,659

REFERENCE/DOCKET NUMBER: P0706C1D2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 650/225-5530  
TELEFAX: 650/952-9881  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1933 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
US-08-410-456A-2

Query Match 10.7% Score 29; DB 2; Length 1933;  
Best Local Similarity 57.0% Pred. No. 3.8;  
Matches 53: Conservative 0; Mismatches 40; Indels 0; Gaps 0;

QY 4 GGCAAACTGCTGAAATGTTTGGCATCAGCTAGTGCACAGTAAGTTTCCCAATCC 63  
DB 1915 GGACATCTGCTGCTGCCCATGAGCTGCTGCACATGCGTTTCTAGGATGCTGATGC 1856  
QY 64 TCACTCTGCTGCTGCCAGCTGATGAGGGAAG 96  
DB 1855 TGCACGCCAGCTGGAAGCTGCAGAGGGAAG 1823

Search completed: June 13, 2003, 20:58:02  
Job time: 41.8675 secs





Db 121 CGACCAATCTGTGATCCACCACTGACAGCCCATCCAGCCTTGTGCTCAGCTAC 180  
QY 181 CCCAACCTCCAGAGGAGAGAGCTATTAAAGGGAGAGAGTGCAGAACAAACAAGAGC 240  
181 CCCAACCTCCAGAGGAGAGAGCTATTAAAGGGAGAGAGTGCAGAACAAACAAGAGC 240  
QY 241 GCCTGGGGATACAACTCTGGAGTCTCTGAG 271  
Db 241 GCCTGGGGATACAACTCTGGAGTCTCTGAG 271

## RESULT 2

US-09-808-388-6  
; Sequence 6, Application US/09808388  
; Patent No. US20020081719A1  
; GENERAL INFORMATION:  
; APPLICANT: Massaad, Charbel  
; APPLICANT: Berendaum, Francis  
; APPLICANT: Olivier, Jean-Luc  
; APPLICANT: Salvat, Colette  
; APPLICANT: Berezat, Gilbert  
; TITLE OF INVENTION: Inflammation Inducible Hybrid Promoters, Vectors Comprising them  
; FILE REFERENCE: ST00010  
; CURRENT APPLICATION NUMBER: US/09/808,388  
; CURRENT FILING DATE: 2001-09-20  
; PRIOR APPLICATION NUMBER: FR/00/03262  
; PRIOR FILING DATE: 2000-03-14  
; PRIOR APPLICATION NUMBER: US 60/196,959  
; PRIOR FILING DATE: 2000-04-13  
; NUMBER OF SEQ ID NOS: 7  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 6  
; LENGTH: 332  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: PPRE/PLA2s hybrid promoter  
US-09-808-388-6

Query Match 100.0%; Score 271; DB 10; Length 332;  
Best Local Similarity 100.0%; Pred. No. 8,2e-87;  
Matches 271; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGCGGCAAAACTGCTGAATGTGTTTGGCATCAGCTAGTACAGCTAGTTCACCA 60  
181 CGCGGCAAAACTGCTGAATGTGTTTGGCATCAGCTAGTACAGCTAGTTCACCA 121  
QY 61 TCCTCAACTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 120  
122 TCCTCAACTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 181  
QY 121 CGACCAATCTGTGATCCACCACTGACAGCCCATCCAGCCTTGTGCTCAGCTAC 180  
182 CGACCAATCTGTGATCCACCACTGACAGCCCATCCAGCCTTGTGCTCAGCTAC 241  
QY 181 CCCAACCTCCAGAGGAGAGAGCTATTAAAGGGAGAGAGTGCAGAACAAACAAGAGC 240  
242 CCCAACCTCCAGAGGAGAGAGCTATTAAAGGGAGAGAGTGCAGAACAAACAAGAGC 301  
QY 241 GCCTGGGGATACAACTCTGGAGTCTCTGAG 271  
Db 302 GCCTGGGGATACAACTCTGGAGTCTCTGAG 332

## RESULT 3

US-09-865-866-17  
; Sequence 17, Application US/09865866  
; Publication No. US20030045487A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Jacqueline Wyatt

; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP IIA (SYNOVIAL)  
; FILE REFERENCE: RTS-0221  
; CURRENT APPLICATION NUMBER: US/09/865,866  
; CURRENT FILING DATE: 2001-05-25  
; NUMBER OF SEQ ID NOS: 173  
; SEQ ID NO 17  
; LENGTH: 1080  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
US-09-865-866-17

Query Match 78.2%; Score 212; DB 9; Length 1080;  
Best Local Similarity 93.1%; Pred. No. 1.5e-65;  
Matches 255; Conservative 0; Mismatches 15; Indels 4; Gaps 3;

QY 1 CGCGGCAAAACTGCTGAATGTGTTTGGCATCAGCTAGTACAGCTAGTTCACCA 59  
Db 763 CTGCGCAAAACTGCTGAATGTGTTTGGCATCAGCTAGTACAGCTAGTTCACCA 822  
QY 60 ATCCTCAACTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 117  
Db 823 ATCCTCAACTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 882  
QY 118 GGGCGAACAACTGCTGATGATCCACCACTGACACGCCCATCCAGCCTTGTGCTCAGCT 177  
Db 883 GGGCGAACAACTGCTGATGATCCACCACTGACACGCCCATCCAGCCTTGTGCTCAGCT 942  
QY 178 ACCGCCAACCTGCCAGAGGAGAGAGCTATTAAAGGGAGAGAGTGCAGAACAAACAAG 237  
Db 943 ACCGCCAACCTGCCAGAGGAGAGAGCTATTAAAGGGAGAGAGTGCAGAACAAACAAG 1001  
QY 238 ACGGCTGGGGATACAACTCTGGAGTCTCTGAG 271  
Db 1002 ACGGCTGGGGATACAACTCTGGAGTCTCTGAG 1035

## RESULT 4

US-09-917-800A-1495  
; Sequence 1495, Application US/09917800A  
; Patent No. US20020119462A1  
; GENERAL INFORMATION:  
; APPLICANT: Mendrick, Donna  
; APPLICANT: Porter, Mark  
; APPLICANT: Johnson, Kory  
; APPLICANT: Castle, Arthur  
; APPLICANT: Elashoff, Michael  
; APPLICANT: Gene Logic, Inc.  
; TITLE OF INVENTION: Molecular Toxicology Modeling  
; FILE REFERENCE: 44921-5038-US  
; CURRENT APPLICATION NUMBER: US/09/917,800A  
; CURRENT FILING DATE: 2001-07-31  
; PRIOR APPLICATION NUMBER: US 60/222,040  
; PRIOR FILING DATE: 2000-07-31  
; PRIOR APPLICATION NUMBER: US 60/222,880  
; PRIOR FILING DATE: 2000-11-02  
; PRIOR APPLICATION NUMBER: US 60/290,029  
; PRIOR FILING DATE: 2001-05-11  
; PRIOR APPLICATION NUMBER: US 60/290,645  
; PRIOR FILING DATE: 2001-05-15  
; PRIOR APPLICATION NUMBER: US 60/292,336  
; PRIOR FILING DATE: 2001-05-22  
; PRIOR APPLICATION NUMBER: US 60/295,798  
; PRIOR FILING DATE: 2001-06-06  
; PRIOR APPLICATION NUMBER: US 60/297,457  
; PRIOR FILING DATE: 2001-06-13  
; PRIOR APPLICATION NUMBER: US 60/298,884  
; PRIOR FILING DATE: 2001-06-19  
; PRIOR APPLICATION NUMBER: US 60/303,459  
; PRIOR FILING DATE: 2001-07-09  
; NUMBER OF SEQ ID NOS: 1740  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 1495



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:      LENGTH: 3330
:      TYPE: DNA
:      ORGANISM: Rattus norvegicus
:      FEATURE:
:      OTHER INFORMATION: Genbank Accession NO.  US20020119462A1 X51529
US-09-917-800A-1495

```

Query Match	31.1%	Score 84/4	DB 10	Length 3330
Best Local Similarity	64.9%	Pred. NO. 6.2e-20		
Matches 157; Conservative	0	Mismatches 81	Indels 4	Gaps 2

QY	6	CAAAACTGCCTGAAATGTTGTTGGCANTAGCTACTGACAGCTAAGTTTCCAAATCTC	65
Db	260	CGAAATCAGCTAAAGTTTATGATGGCCAAACCCTGGTATGAGGGCTTTTCGGGCTTC	319
QY	66	AACCTGTCTCTGCACGCTGATGAGGGGAAAGGAAAGGATTACTAGGGGTATGGG--CGA	123
Db	320	AAGGCTTTCTGCCACCTCTTGGGGGAAAGAAATTAATCCAGAGGGCTGTGGGTATGC	379
QY	124	CGAATCCTAGTCCACCACTGACCAAGCCCA--TCGCCCACTGTGGCTCCACTACCC	181
Db	380	CCGCTCTGTGATTCATTATTTGGCCACACCCACCTCCCACTCCCTGTGGCTCTCCGATCC	439
QY	182	CCAACCTCCAGAGGGAGCAGCTATTTTAAGGGGAGCAGAGTGCAGAAACAACAAGCG	241
Db	440	CCAGCCCTCGAGAGGGAGAGCTATTTAAGAGCATTTGGAGTACAGGAAACAAAGCAG	499
QY	242	CC 243	
Db	500	GC 501	

```

RESULT 5
US-09-925-300-70
: Sequence 70, Application US/09925300
: Patent No. US20020151681A1
: GENERAL INFORMATION:
: APPLICANT: Craig Rosen,
: APPLICANT: Steve Ruben,
: TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
: FILE REFERENCE: PA101
: CURRENT APPLICATION NUMBER: US/09/925,300
: PRIOR APPLICATION NUMBER: PCT/US00/05988
: PRIOR FILING DATE: 2000-03-08
: PRIOR APPLICATION NUMBER: 60/124,270
: PRIOR FILING DATE: 1999-03-12
: NUMBER OF SEQ ID NOS: 1890
: SOFTWARE: PatentIn Ver. 2.0
: SEQ ID NO 70
: LENGTH: 1076
: TYPE: DNA
: ORGANISM: Homo sapiens
: FEATURE:
: NAME/KEY: misc feature
: LOCATION: (911)
: OTHER INFORMATION: n equals a,t,g, or c
: US-09-925-300-70

```

Query Match	29.8%	Score 80, 8	DB 10,	Length 1076,
Best Local Similarity	95.3%	Pred. No. 1, 1e-18,		
Matches 82; Conservative		1; Mismatches 3;	Indels 0;	Gaps 0;

Oy	186	CCGCCAGAGGGAGGACGACTATTTAAGGGAGGAGGACGAACCAACCAAGAGGGCTG	245
Db	2	CCAAACAGAGGGAGGACGACTATTTAAGCGCAGCAGAGTGCAGAACCAACRAGACGGCTG	61
Oy	246	GGGATACAACTCTGAGTCTCTGTAG	271
Db	62	GGGATACAACTCTGAGTCTCTGTAG	87

## RESULT 6

```

US-09-981-353-17
: Sequence 17, Application US/09981353
: Patent No. US20020160382A1
:
: GENERAL INFORMATION:
: APPLICANT: Lasek, Amy W.
: APPLICANT: Jones, David A.
: TITLE OF INVENTION: GENES EXPRESSED IN COLON CANCER
: FILE REFERENCE: PA-0038 US
: CURRENT APPLICATION NUMBER: US/09/981,353
: CURRENT FILING DATE: 2001-10-11
: NUMBER OF SEQ. ID NOS: 194
: SOFTWARE: PERL Program
: SEQ ID NO 17
: LENGTH: 735
: TYPE: DNA
: ORGANISM: Homo sapiens
: FEATURE:
: NAME/KEY: misc.feature
: OTHER INFORMATION: Incyte ID No. US20020160382A1 474332.36
: NAME/KEY: unsure
: LOCATION: 388
: OTHER INFORMATION: a, t, c, g, or other
US-09-981-353-17

```

Query Match	18.5%	Score 50:	DB 9:	Length 735:
Best Local Similarity	100.0%	Pred. No.	9.7e-08:	
Matches 50:	Conservative 0:	Mismatches 0:	Indels 0:	Gaps 0:

```
OY      222 GTGCAACAACAAAGAGCGGCCTGGGATACAACTGTGGAGTCCCTGTGAG
          |||||||
Db       1 GTGCAACAACAAGAGCGGCCTGGGATACAACTGTGGAGTCCCTGTGAG 50
```

```

RESULT 7
US-09-865-866-97
? Sequence 97, Application US/09865866
? Publication No. US20030045487A1
? GENERAL INFORMATION:
? APPLICANT: C. Frank Bennett
? TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP IIA (SYNOVIAL
? FILE REFERENCE: RPS-0221
? CURRENT APPLICATION NUMBER: US/09/865,866
? CURRENT FILING DATE: 2001-05-25
? NUMBER OF SEQ ID NOS: 173
? SEQ ID NO 97
? LENGTH: 4990
? TYPE: DNA
? ORGANISM: Mus musculus
? FEATURE:
? NAME/KEY: CDS
? LOCATION: (2026)...(2068)
? NAME/KEY: CDS
? LOCATION: (2245)...(2389)
? NAME/KEY: CDS
? LOCATION: (2622)...(2731)
? NAME/KEY: CDS
? LOCATION: (4098)...(4240)
US-09-865-866-97

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Query Match:	18.3%;	Score 49.6;	DB 9;	Length 4590;
Best Local Similarly	59.48;	Pred. No. 2.6e-07;		
Matches 139; Conservative	0;	Mismatches 64;	Indels 31;	Gaps 2;

QY	6	CAAAACAGCCCAATGTTGGTTGGCAACACTACTGCACAGCTAAAGTTTCCCAATCTTC	65
Db	1016	CAAAATCAGCTGAATTTATGATGGCGGCACCCCTTGATGAAAGGGCTTTCCAGCCCTC	1075
QY	66	AACCTCTGCTCCGCGACGATGATGAGGGGGAAGAAAGGATTACCTAAGGGGTATGGCCGACC	125
Ddb	1076	AGGGCTGGCCCTGCGACGCTGTGGGGGAACAAAAGGCACTTGGGTAATGc-----CC	1125
QY	126	AATCCCTGAGTCCACCAACTGACCAAGCCCAATCCCGACGCTGTGGCTCACTACCTACCCCAAC	185



NAME/KEY: CDS  
LOCATION: (459)...(2591)  
US-10-175-696-22

Query Match  
Best Local Similarity 12.5%; Score 33.8; DB 9; Length 3320;  
Matches 71; Conservative 0; Mismatches 62; Indels 0; Gaps 0;

QY 68 CTCGTGCTGCGCAGCTGATGAGGGAAGGAAAGGATTAAGGAGGATGAGGCGACCA 127  
DB 2210 CTCGTGCGCAGCAGCTGCTGCTCAACAGTGGGAGCATGACTTTGGGGCTGGATGCCCA 2269  
QY 128 TCGTAGTCACCACTGACGACGCCATCCCGCTTGTGCTGACCTTACCCCAAC 187  
DB 2270 TCGTCATCATCATGAGGAGGCCACCCAGACCAAGGGAGGACCAACCTGAAGAC 2329  
QY 188 TCCAGAGGAGC 200  
DB 2330 TTAACCTAGACACC 2342

RESULT 11  
US-09-862-658-1  
Sequence 1, Application US/09862658

PATENT No. US20020137101A1  
GENERAL INFORMATION:  
APPLICANT: Meyers, Rachel  
TITLE OF INVENTION: 46638, A NOVEL HUMAN LIPOXYGENASE FAMILY  
FILE REFERENCE: 10448-03001  
CURRENT APPLICATION NUMBER: US/09/862,658  
PRIOR FILING DATE: 2001-05-22  
PRIORITY APPLICATION NUMBER: US 60/205,675  
NUMBER OF SEQ ID NOS: 6  
SOFTWARE: FASTSEQ for Windows Version 4.0  
SEQ ID NO 1  
LENGTH: 3320  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: CDS  
LOCATION: (459)...(2591)  
US-09-862-658-1

Query Match  
Best Local Similarity 12.5%; Score 33.8; DB 10; Length 3320;  
Matches 71; Conservative 0; Mismatches 62; Indels 0; Gaps 0;

QY 68 CTCGTGCTGCGCAGCTGATGAGGGAAGGAAAGGATTAAGGAGGATGAGGCGACCA 127  
DB 2210 CTCGTGCGCAGCAGCTGCTGCTCAACAGTGGGAGCATGACTTTGGGGCTGGATGCCCA 2269  
QY 128 TCGTAGTCACCACTGACGACGCCATCCCGCTTGTGCTGACCTTACCCCAAC 187  
DB 2270 TCGTCATCATCATGAGGAGGCCACCCAGACCAAGGGAGGACCAACCTGAAGAC 2329  
QY 188 TCCAGAGGAGC 200  
DB 2330 TTAACCTAGACACC 2342

RESULT 12  
US-09-918-995-6087  
Sequence 6087, Application US/09918995  
Publication No. US20030073623A1  
GENERAL INFORMATION:  
APPLICANT: Hyseq, Inc.  
TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OBTAINED  
FILE REFERENCE: 20411-756  
CURRENT APPLICATION NUMBER: US/09/918,995  
CURRENT FILING DATE: 2001-07-30

PRIOR APPLICATION NUMBER: US/09/235,076  
PRIOR FILING DATE: 1999-01-20  
NUMBER OF SEQ ID NOS: 38054  
SOFTWARE: FASTSEQ for Windows Version 3.0  
SEQ ID NO 6087  
LENGTH: 412  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-918-995-6087

Query Match  
Best Local Similarity 11.8%; Score 32; DB 9; Length 412;  
Matches 56; Conservative 0; Mismatches 40; Indels 0; Gaps 0;

QY 130 CTCGATCCACCACTGACGACGCCATCCCGCTTGTGCTGACCTTACCCCAACCTC 189  
DB 239 CTCGACCAAGAGCAGGAGACCCACCCACGACCATGAGGCCAGGAGATCCAGACCTC 298  
QY 190 CCAGAGGAGCAGCTATTTAAGGAGGAGCAGAGACTGC 225  
DB 299 CTCGAGAGGAGCAGCAGCCATCTCCACAGCAGCTGC 334

RESULT 13  
US-10-023-282-86/C  
Sequence 86, Application US/10023282

PATENT No. US20030092893A1  
GENERAL INFORMATION:  
APPLICANT: Young et al.  
TITLE OF INVENTION: 207 Human Secreted Proteins  
FILE REFERENCE: P2007P1  
CURRENT APPLICATION NUMBER: US/10/023,282  
PRIOR FILING DATE: 2001-12-20  
PRIORITY APPLICATION NUMBER: 09/205,258  
EARLIER FILING DATE: 1998-12-04  
EARLIER APPLICATION NUMBER: PCT/US98/11422  
EARLIER FILING DATE: 1998-06-04  
EARLIER APPLICATION NUMBER: 60/048,885  
EARLIER FILING DATE: 1997-06-06  
EARLIER APPLICATION NUMBER: 60/049,375  
EARLIER FILING DATE: 1997-06-06  
EARLIER APPLICATION NUMBER: 60/048,881  
EARLIER FILING DATE: 1997-06-06  
EARLIER APPLICATION NUMBER: 60/048,880  
EARLIER FILING DATE: 1997-06-06  
EARLIER APPLICATION NUMBER: 60/048,896  
EARLIER FILING DATE: 1997-06-06  
EARLIER APPLICATION NUMBER: 60/049,020  
EARLIER FILING DATE: 1997-06-06  
EARLIER APPLICATION NUMBER: 60/048,876  
EARLIER FILING DATE: 1997-06-06  
EARLIER APPLICATION NUMBER: 60/048,895  
EARLIER FILING DATE: 1997-06-06  
EARLIER APPLICATION NUMBER: 60/048,884  
EARLIER FILING DATE: 1997-06-06  
EARLIER APPLICATION NUMBER: 60/048,894  
EARLIER FILING DATE: 1997-06-06  
EARLIER APPLICATION NUMBER: 60/048,971  
EARLIER FILING DATE: 1997-06-06  
EARLIER APPLICATION NUMBER: 60/048,964  
EARLIER FILING DATE: 1997-06-06  
EARLIER APPLICATION NUMBER: 60/048,882  
EARLIER FILING DATE: 1997-06-06  
EARLIER APPLICATION NUMBER: 60/048,899  
EARLIER FILING DATE: 1997-06-06  
EARLIER APPLICATION NUMBER: 60/048,893  
EARLIER FILING DATE: 1997-06-06  
EARLIER APPLICATION NUMBER: 60/048,900  
EARLIER FILING DATE: 1997-06-06  
EARLIER APPLICATION NUMBER: 60/048,901  
EARLIER FILING DATE: 1997-06-06  
EARLIER APPLICATION NUMBER: 60/048,892  
EARLIER FILING DATE: 1997-06-06



Query Match 11.6%; Score 31.4; DB 9; Length 771;  
 Best Local Similarity 57.7%; Pred. No. 0.44;  
 Matches 56; Conservative 0; Mismatches 41; Indels 0; Gaps 0;

OY	175	CCTACCCCAACCTCCAGAGGAGCAGCTATTTTAAGGAGAGAGTGCAGACAAC	234
DB	578	CCTACCTCCGCTCTCCGCGTGACGACGGGTAGAAAACAGAGAGCGAGAAAGAG	519
OY	235	AGAGCGGCTGGGATACACTGTGAGTCTCTGAG	271
DB	518	AGGCGGGGTAGGAGCAGCTGTGCTGATTCTGGG	482

Search completed: June 14, 2003, 01:26:12  
 Job time : 78.4482 secs



GenCore version 5.1.6  
Copyright (c) 1993 - 2003 Compugen Ltd.

OM nucleic - nucleic search, using sw model

Run on: June 13, 2003, 20:00:53 ; Search time 45.1661 Seconds  
(without alignments)  
2254.273 Million cell updates/sec

Title: US-09-808-388-6

Perfect score: 332

Sequence: 1 gtaccatctgcacaacta.....caactctgagctcctctgag 332

Scoring table: IDENTITY NUC

Gapop 10.0, Gapext 1.0

Searched: 441362 seqs, 15338381 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

1: /cgn2\_6/ptodata/2/ina/5A.COMB.seq:\*  
2: /cgn2\_6/ptodata/2/ina/5B.COMB.seq:\*  
3: /cgn2\_6/ptodata/2/ina/6A.COMB.seq:\*  
4: /cgn2\_6/ptodata/2/ina/6B.COMB.seq:\*  
5: /cgn2\_6/ptodata/2/ina/PTUS.COMB.seq:\*  
6: /cgn2\_6/ptodata/2/ina/backfile1.seq:\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

## SUMMARIES

Result	No.	Score	Query Match	Length	ID	Description
C 1	30.6	9.2	305	4	US-09-328-111-618	Sequence 618, App
C 2	30.4	9.2	1549	3	US-08-856-444-1	Sequence 1, Appli
C 3	29.6	8.9	9299	2	US-08-458-434A-7	Sequence 7, Appli
C 4	29.2	8.8	3111	2	US-09-014-969-12	Sequence 12, Appli
C 5	29	8.7	204	4	US-09-506-729-37	Sequence 37, Appli
C 6	29	8.7	1883	1	US-08-203-056-2	Sequence 2, Appli
C 7	29	8.7	1933	1	US-08-076-093A-1	Sequence 1, Appli
C 8	29	8.7	1933	1	US-08-410-451-1	Sequence 1, Appli
C 9	29	8.7	1933	1	US-08-410-455-1	Sequence 1, Appli
C 10	29	8.7	1933	1	US-08-418-919-1	Sequence 1, Appli
C 11	29	8.7	1933	1	US-08-410-453A-2	Sequence 2, Appli
C 12	29	8.7	1933	1	US-08-701-265-1	Sequence 1, Appli
C 13	29	8.7	1933	1	US-08-410-454A-2	Sequence 2, Appli
C 14	29	8.7	1933	2	US-08-284-586-1	Sequence 1, Appli
C 15	29	8.7	1933	2	US-08-410-456A-2	Sequence 1, Appli
C 16	29	8.7	1933	2	US-08-803-478-1	Sequence 1, Appli
C 17	29	8.7	1933	2	US-08-802-627A-1	Sequence 1, Appli
C 18	29	8.7	1933	2	US-08-801-238-1	Sequence 1, Appli
C 19	29	8.7	1933	2	US-08-801-228-1	Sequence 1, Appli
C 20	29	8.7	1933	3	US-09-104-226-1	Sequence 1, Appli
C 21	29	8.7	1933	5	PCT-US94-06380-1	Sequence 1, Appli
C 22	28.6	8.6	3728	1	US-08-111-939-1	Sequence 1, Appli
C 23	28.4	8.5	2992	4	US-09-362-123A-3	Sequence 3, Appli
C 24	28.2	8.5	33	1	US-08-186-895-4	Sequence 4, Appli
C 25	28.2	8.5	722	4	US-08-861-774E-49	Sequence 49, Appli
C 26	28.2	8.5	4258	4	US-07-764-830A-5	Sequence 5, Appli
C 27	28	8.4	997	4	US-09-057-860A-3	Sequence 3, Appli

C 28	28	8.4	3100	1	US-08-296-362-1	Sequence 1, Appli
C 29	27.6	8.3	6803	3	US-08-665-259-19	Sequence 19, Appli
C 30	27.6	8.3	6803	3	US-08-762-500-19	Sequence 19, Appli
C 31	27.6	8.3	176373	3	US-09-128-155-17	Sequence 17, Appli
C 32	27	8.1	329	1	US-08-510-039-1	Sequence 1, Appli
C 33	27	8.1	329	1	US-07-748-510-1	Sequence 1, Appli
C 34	27	8.1	3021	4	US-09-556-877-182	Sequence 182, App
C 35	27	8.1	3021	4	US-09-620-412C-182	Sequence 182, App
C 36	27	8.1	3935	4	US-09-060-482-1	Sequence 1, Appli
C 37	27	8.1	7898	4	US-08-984-709A-49	Sequence 49, Appli
C 38	27	8.1	87563	4	US-09-453-702B-57	Sequence 57, Appli
C 39	27	8.1	4403765	4	US-09-103-840A-2	Sequence 1, Appli
C 40	27	8.1	4411529	4	US-09-103-840A-1	Sequence 1, Appli
C 41	26.8	8.1	1001	3	US-09-188-930-218	Sequence 218, App
C 42	26.8	8.1	1015	3	US-09-188-930-30	Sequence 30, Appli
C 43	26.6	8.0	238	4	US-08-905-223-128	Sequence 128, App
C 44	26.6	8.0	1452	2	US-08-770-544-7	Sequence 7, Appli
C 45	26.6	8.0	1478	1	US-08-700-359-3	Sequence 3, Appli

## ALIGNMENTS

RESULT 1  
US-09-328-111-618/c  
Sequence 618, Application US/09328111  
Patent No. 6262333  
GENERAL INFORMATION:  
APPLICANT: Endgame, Wilson O.  
APPLICANT: Steinmann, Kathleen E.  
APPLICANT: Astle, Jon H.  
APPLICANT: Burgess, Christopher C.  
APPLICANT: Bushnell, Steven E.  
APPLICANT: Carroll III, Eddie  
APPLICANT: Calino, Theodore J.  
APPLICANT: Dertl, Adnan  
APPLICANT: Ford, Donna M.  
APPLICANT: Lewis, Marcia E.  
APPLICANT: Monahan, John E.  
APPLICANT: Schlegel, Robert  
TITLE OF INVENTION: NOVEL HUMAN GENES AND GENE EXPRESSION  
FILE REFERENCE: CCD-257 (US)  
CURRENT APPLICATION NUMBER: US/09/328,111  
CURRENT FILING DATE: 1999-06-08  
EARLIER APPLICATION NUMBER: US 60/088,801  
EARLIER FILING DATE: 1998-06-10  
NUMBER OF SEQ ID NOS: 850  
SOFTWARE: FASTSEQ for Windows Version 3.0  
SEQ ID NO 618  
LENGTH: 305  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-328-111-618  
Query Match 9.2%; Score 30.6; DB 4; Length 305;  
Best Local Similarity 56.4%; Pred. No. 0.4;  
Matches 57; Conservative 0; Mismatches 44; Indels 0; Gaps 0;  
C 64 CGGCAAACTGCTGCAATGTTTGGCATCAGTACTGACAGCTAAGTTTCCCATC 123  
DB 217 CGCCAAATTAACACGACATGCTGTGTATACATCCGCCGAGGGCTGTAATTCCTCCATG 158  
C 124 CTCAACTGTCGTCGACGATGATGAGGGAAGGAAGGA 164  
DB 157 GTGACTGTGACTGCTGCTGACAGAGGAGGACGAGCA 117  
RESULT 2  
US-08-856-444-1  
Sequence 1, Application US/08856444  
Patent No. 5959081  
GENERAL INFORMATION:

```

1 STREET 4401 B. Streetl, Suite 1700
2 CITY: San Diego
3 STATE: CA
4 COUNTRY: USA
5 ZIP: 92101
6
7 COMPUTER READABLE FORM:
8 MEDIUM TYPE: Floppy disk
9 COMPUTER: IBM PC compatible
10 OPERATING SYSTEM: PC-DOS/MS-DOS
11 SOFTWARE: Patentln Release #1.0, Version #1.25
12
13 CURRENT APPLICATION DATA:
14 APPLICATION NUMBER: US/08/458.434A
15 FILING DATE:
16 CLASSIFICATION: 435
17 ATTORNEY/AGENT INFORMATION:
18 NAME: Weseman, James C.
19 REGISTRATION NUMBER: 30,507
20 REFERENCE/DOCKET NUMBER: P00060US0
21 TELECOMMUNICATION INFORMATION:
22 TELEPHONE: (619) 699-3604
23 TELEFAX: 619-236-1048
24 INFORMATION FOR SEQ ID NO: 7:
25 SEQUENCE CHARACTERISTICS:
26 LENGTH: 9299 base pairs
27 TYPE: nucleic acid
28 STRANDEDNESS: single
29 TOPOLOGY: linear
30 MOLECULE TYPE: DNA (genomic)
31
32 US-08-458-434A-7
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RESULT 6  
US-08-202-056-2/c  
; Sequence 2, Application US/08202056

CITY: South San Francisco  
STATE: California  
COUNTRY: USA

ZIP: 94080  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Minipalin (Genentech)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/076,093A  
FILING DATE: 11-Jun-1993  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/810782  
FILING DATE: 19-DEC-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/677211  
FILING DATE: 29-MAR-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Love, Richard B  
REGISTRATION NUMBER: 34,659  
REFERENCE/DOCKET NUMBER: 706P2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415/225-5530  
TELEFAX: 415/952-9881  
TELEX: 910/371-7168  
INFORMATION FOR SEQ. ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1933 nucleotides  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
US-08-076-093A-1

Query Match  
Best Local Similarity 8.7%; Score 29; DB 1; Length 1933;  
Matches 53; Conservative 0; Mismatches 40; Indels 0; Gaps 0;

QY 65 GGCAAACTGCTCGAATGTTTGGCATCAGCTACTGACAGTAGGTTTCCCATCC 124  
DB 1915 GGAACATCTGCTGCCCAATGAGCTGCTGACATGCTTCTTAGGATGCTGATGC 1856  
QY 125 TCAACTCTGCTGCCAGCTGATGAGGGGAAG 157  
DB 1855 TGCACGCCAGCTGGAAGCTGCAGAGGGGAAG 1823

RESULT 8  
US-08-410-451-1/c  
Sequence 1, Application US/08410451  
Patent No. 5552284  
GENERAL INFORMATION:  
APPLICANT: Lee, James,  
APPLICANT: Holmes, William E.,  
APPLICANT: Woods, William I.,  
TITLE OF INVENTION: Human pF4A Receptors and Their Use  
NUMBER OF SEQUENCES: 1  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Genentech, Inc.  
STREET: 460 Point San Bruno Blvd  
CITY: South San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94080  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: palin (Genentech)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/410,451  
FILING DATE: 24-MAR-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/234494

FILING DATE: 28-APR-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/677211  
FILING DATE: 29-MAR-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Love, Richard B  
REGISTRATION NUMBER: 34,659  
REFERENCE/DOCKET NUMBER: 706C1D4  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415/225-5530  
TELEFAX: 415/952-9881  
TELEX: 910/371-7168  
INFORMATION FOR SEQ. ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1933 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-410-451-1

Query Match  
Best Local Similarity 8.7%; Score 29; DB 1; Length 1933;  
Matches 53; Conservative 0; Mismatches 40; Indels 0; Gaps 0;

QY 65 GGCAAACTGCTCGAATGTTTGGCATCAGCTACTGACAGTAGGTTTCCCATCC 124  
DB 1915 GGAACATCTGCTGCCCAATGAGCTGCTGACATGCTTCTTAGGATGCTGATGC 1856  
QY 125 TCAACTCTGCTGCCAGCTGATGAGGGGAAG 157  
DB 1855 TGCACGCCAGCTGGAAGCTGCAGAGGGGAAG 1823

RESULT 9  
US-08-410-451-1/c  
Sequence 1, Application US/08410455  
Patent No. 5571702  
GENERAL INFORMATION:  
APPLICANT: Lee, James,  
APPLICANT: Holmes, William E.,  
APPLICANT: Woods, William I.,  
TITLE OF INVENTION: Human pF4A Receptors and Their Use  
NUMBER OF SEQUENCES: 1  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Genentech, Inc.  
STREET: 460 Point San Bruno Blvd  
CITY: South San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94080  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: palin (Genentech)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/410,455  
FILING DATE: 24-MAR-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/234494  
FILING DATE: 28-APR-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/677211  
FILING DATE: 29-MAR-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Love, Richard B.  
REGISTRATION NUMBER: 34,659  
REFERENCE/DOCKET NUMBER: 706C1D5  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415/225-5530  
TELEFAX: 415/952-9881  
TELEX: 910/371-7168

INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1933 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-410-455-1

Query Match 8.7%; Score 29; DB 1; Length 1933;  
Best Local Similarity 57.0%; Pred. No. 3.7;  
Matches 53; Conservative 0; Mismatches 40; Indels 0; Gaps 0;

QY 65 GGCAAACTGCGTGAATGTGTTGGCATCAGTACGACAGTAAGTTCCCAATCC 124  
DB 1915 GGAACTCTGCTGCGCCCAATGAGTGGCTGCACATGAGCTTTCTAGGATGCTGATGC 1856  
QY 125 TCAACTGTCTCTGCGCAGCTGATGAGGGAAG 157  
DB 1855 TGACGCCAGCCTGGAGCTGCAGAGGGGAAG 1823

## RESULT 10

US-08-418-919-1/c  
Sequence 1, Application US/08418919  
Patent No. 5633141  
GENERAL INFORMATION:  
APPLICANT: Lee, James,  
APPLICANT: Holmes, William E.,  
APPLICANT: Woods, William I.,  
TITLE OF INVENTION: Human PPAR Receptors and Their Use  
NUMBER OF SEQUENCES: 1  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Genentech, Inc.  
STREET: 460 Point San Bruno Blvd  
CITY: South San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94080  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: patin (Genentech)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/418.919  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/234.494  
FILING DATE:  
APPLICATION NUMBER: 07/677.211  
FILING DATE: 29-Mar-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Hensley, Max D.  
REGISTRATION NUMBER: 27,043  
REFERENCE/DOCKET NUMBER: 706  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415/266-1994  
TELEFAX: 415/952-9881  
TELEX: 910/371-7168  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1933 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-418-919-1

Query Match 8.7%; Score 29; DB 1; Length 1933;  
Best Local Similarity 57.0%; Pred. No. 3.7;  
Matches 53; Conservative 0; Mismatches 40; Indels 0; Gaps 0;

QY 65 GGCAAACTGCGTGAATGTGTTGGCATCAGTACGACAGTAAGTTCCCAATCC 124

DB 1915 GGAACTCTGCTGCGCCCAATGAGTGGCTGCACATGAGCTTTCTAGGATGCTGATGC 1856  
QY 125 TCAACTGTCTCTGCGCAGCTGATGAGGGAAG 157  
DB 1855 TGACGCCAGCCTGGAGCTGCAGAGGGGAAG 1823

## RESULT 11

US-08-410-453A-2/c  
Sequence 2, Application US/08410453A  
Patent No. 5767063  
GENERAL INFORMATION:  
APPLICANT: Lee, James,  
APPLICANT: Holmes, William E.,  
APPLICANT: Woods, William I.,  
TITLE OF INVENTION: Human PPAR Receptors and Their Use  
NUMBER OF SEQUENCES: 2  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Genentech, Inc.  
STREET: 1 DNA Way  
CITY: South San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94080  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: winpatin (genentech)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/410.453A  
FILING DATE: 24-Mar-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/234494  
FILING DATE: 28-Apr-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/677211  
FILING DATE: 29-Mar-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Love, Richard B.  
REGISTRATION NUMBER: 34,659  
REFERENCE/DOCKET NUMBER: P0706C1D1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 650/225-5530  
TELEFAX: 650/952-9881  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1933 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: linear  
US-08-410-453A-2

Query Match 8.7%; Score 29; DB 1; Length 1933;  
Best Local Similarity 57.0%; Pred. No. 3.7;  
Matches 53; Conservative 0; Mismatches 40; Indels 0; Gaps 0;

QY 65 GGCAAACTGCGTGAATGTGTTGGCATCAGTACGACAGTAAGTTCCCAATCC 124  
DB 1915 GGAACTCTGCTGCGCCCAATGAGTGGCTGCACATGAGCTTTCTAGGATGCTGATGC 1856  
QY 125 TCAACTGTCTCTGCGCAGCTGATGAGGGAAG 157  
DB 1855 TGACGCCAGCCTGGAGCTGCAGAGGGGAAG 1823

RESULT 12  
US-08-701-265-1/c  
Sequence 1, Application US/08701265  
Patent No. 5776457  
GENERAL INFORMATION:

QY 65 GGCAAACTGCGTGAATGTGTTGGCATCAGTACGACAGTAAGTTCCCAATCC 124

APPLICANT: Chuntharapai, Anan  
APPLICANT: Lee, James  
APPLICANT: Hebert, Caroline  
APPLICANT: Jin Kim, K.  
TITLE OF INVENTION: Antibodies to Human pF4A Receptors  
NUMBER OF SEQUENCES: 6  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Genentech, Inc.  
STREET: 460 Point San Bruno Blvd  
CITY: South San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94080  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WinPatIn (Genentech)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/701,265  
FILING DATE: 22-AUG-1996  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/076093  
FILING DATE: 11-Jun-1993  
APPLICATION NUMBER: 07/810782  
FILING DATE: 19-DEC-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/677211  
FILING DATE: 29-MAR-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Love, Richard B.  
REGISTRATION NUMBER: 34,659  
REFERENCE/DOCKET NUMBER: 706P2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415/225-5530  
TELEFAX: 415/952-9881  
TELEX: 910/371-7168  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1933 nucleotides  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
US-08-701-265-1  
Query Match  
Best Local Similarity 57.0%; Score 29; DB 1; Length 1933;  
Matches 53; Conservative 0; Mismatches 40; Indels 0; Gaps 0;  
Db 65 GGCAAACTGCGTGAATGTTTGGCATCAGCTACTGACAGCTAGGTTTCCCATCC 124  
1915 GGAACATCTGCGTCCCAATGAGCTGTGGCTGCACATGGCTTTCTAGGATGCTGATGC 1856  
Qy 125 TCAACTCTGCTCCAGCTGATGAGGGGAAG 157  
1855 TGCACGCCAGCTGTGAAGCTGCAGAGGGGAAG 1823  
Db 1855 TGCACGCCAGCTGTGAAGCTGCAGAGGGGAAG 1823  
RESULT 13  
US-08-410-454A-2/c  
Sequence 2, Application US/08410454A  
Patent No. 5783415  
GENERAL INFORMATION:  
APPLICANT: Lee, James  
APPLICANT: Holmes, William E.,  
APPLICANT: Woods, William I.  
TITLE OF INVENTION: Human pF4A Receptors and Their Use  
NUMBER OF SEQUENCES: 2  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Genentech, Inc.  
STREET: 460 Point San Bruno Blvd  
CITY: South San Francisco

STATE: California  
COUNTRY: USA  
ZIP: 94080  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WinPatIn (Genentech)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/410,454A  
FILING DATE: 24-Mar-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/234494  
FILING DATE: 28-APR-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/677211  
FILING DATE: 29-MAR-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Love, Richard B.  
REGISTRATION NUMBER: 34,659  
REFERENCE/DOCKET NUMBER: P0706CID3  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415/225-5530  
TELEFAX: 415/952-9881  
TELEX: 910/371-7168  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1933 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
US-08-410-454A-2  
Query Match  
Best Local Similarity 57.0%; Score 29; DB 1; Length 1933;  
Matches 53; Conservative 0; Mismatches 40; Indels 0; Gaps 0;  
Db 65 GGCAAACTGCGTGAATGTTTGGCATCAGCTACTGACAGCTAGGTTTCCCATCC 124  
1915 GGAACATCTGCGTCCCAATGAGCTGTGGCTGCACATGGCTTTCTAGGATGCTGATGC 1856  
Qy 125 TCAACTCTGCTCCAGCTGATGAGGGGAAG 157  
1855 TGCACGCCAGCTGTGAAGCTGCAGAGGGGAAG 1823  
Db 1855 TGCACGCCAGCTGTGAAGCTGCAGAGGGGAAG 1823  
RESULT 14  
US-08-284-586-1/c  
Sequence 1, Application US/08284586  
Patent No. 5840856  
GENERAL INFORMATION:  
APPLICANT: Chuntharapai, Anan  
APPLICANT: Lee, James  
APPLICANT: Hebert, Caroline  
APPLICANT: Jin Kim, K.  
TITLE OF INVENTION: Antibodies to Human pF4A Receptors  
NUMBER OF SEQUENCES: 6  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Genentech, Inc.  
STREET: 460 Point San Bruno Blvd  
CITY: South San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94080  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WinPatIn (Genentech)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/284,586  
FILING DATE:

CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/076,093A  
FILING DATE: 11-Jun-1993  
APPLICATION NUMBER: 07/810782  
FILING DATE: 19-DEC-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/677211  
FILING DATE: 29-MAR-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Love, Richard B  
REGISTRATION NUMBER: 34,659  
REFERENCE/DOCKET NUMBER: 706P2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415/225-5530  
TELEFAX: 415/952-9881  
TELEX: 910/371-7168  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1933 nucleotides  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
US-08-284-586-1

Query Match 8.7%; Score 29; DB 2; Length 1933;  
Best Local Similarity 57.0%; Pred. No. 3.7;  
Matches 53; Conservative 0; Mismatches 40; Indels 0; Gaps 0;

QY 65 GGCAAACTGCTGGAATGTGTTGGCATCAGCTACTGACACGTAAGGTTTCCCAATCC 124  
DB 1915 GGAACTATCTGCTGCCCATGATGCTGCTGCACATGCTTTCTAGGATGCTGATGC 1856  
QY 125 TCAACTCTGTCTGCCAGCTGATGAGGGGAAG 157  
DB 1855 TGCACGCCAGCTGGAAGCTGCAGAGGGAAG 1823

RESULT 15  
US-08-410-456A-2/c  
Sequence 2, Application US/08410456A  
Patent No. 5856457  
GENERAL INFORMATION:  
APPLICANT: Lee, James,  
APPLICANT: Holmes, William E.,  
APPLICANT: Woods, William I.  
TITLE OF INVENTION: Human PFA Receptors and Their Use  
NUMBER OF SEQUENCES: 2  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Genentech, Inc.  
STREET: 1 DNA Way  
CITY: South San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94080  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WinPatIn (Genentech)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/410,456A  
FILING DATE: 24-Mar-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/234494  
FILING DATE: 28-APR-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/677211  
FILING DATE: 29-MAR-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Love, Richard B.  
REGISTRATION NUMBER: 34,659

REFERENCE/DOCKET NUMBER: P0706C1D2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 650/225-5530  
TELEFAX: 650/952-9881  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1933 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
US-08-410-456A-2

Query Match 8.7%; Score 29; DB 2; Length 1933;  
Best Local Similarity 57.0%; Pred. No. 3.7;  
Matches 53; Conservative 0; Mismatches 40; Indels 0; Gaps 0;

QY 65 GGCAAACTGCTGGAATGTGTTGGCATCAGCTACTGACACGTAAGGTTTCCCAATCC 124  
DB 1915 GGAACTATCTGCTGCCCATGATGCTGCTGCACATGCTTTCTAGGATGCTGATGC 1856  
QY 125 TCAACTCTGTCTGCCAGCTGATGAGGGGAAG 157  
DB 1855 TGCACGCCAGCTGGAAGCTGCAGAGGGAAG 1823

Search completed: June 13, 2003, 20:58:07  
Job time: 50.1661 secs



GenCore version 5.1.6  
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OM nucleic - nucleic search, using sw model

Run on: June 13, 2003, 20:58:18 Search time 93.6561 Seconds  
(without alignments)  
5133.209 Million cell updates/sec

Title: US-09-808-388-6

Perfect score: 332  
Sequence: 1 gtaccacttgacaaacta.....caactctgagctctctgag 332

Scoring table: IDENTITY\_NUC  
Gapop 10.0, Gapext 1.0

Searched: 1029858 seqs, 724030393 residues

Total number of hits satisfying chosen parameters: 2059716

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%

Listing first 45 summaries

Database : Published\_Applications\_NA:\*  
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3: /cgn2\_6/ptodata/2/pubpna/US06\_NEM\_PUB.seq:\*  
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12: /cgn2\_6/ptodata/2/pubpna/US10\_PUBCOMB.seq:\*  
13: /cgn2\_6/ptodata/2/pubpna/US60\_NEM\_PUB.seq:\*  
14: /cgn2\_6/ptodata/2/pubpna/US60\_PUBCOMB.seq:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	332	100.0	332	10	US-09-808-388-6
2	271	81.6	271	10	US-09-808-388-5
3	213	64.2	1080	9	US-09-865-866-17
4	84.4	25.4	3330	10	US-09-917-8004-1495
5	80.8	24.3	1076	10	US-09-925-300-70
6	50	15.1	735	9	US-09-981-353-17
7	49.6	14.9	4990	9	US-09-865-866-97
8	41	12.3	41	10	US-09-808-388-3
9	33.8	10.2	2136	9	US-10-175-696-24
10	33.8	10.2	2136	10	US-09-862-658-3
11	33.8	10.2	3320	9	US-10-175-696-22
12	33.8	10.2	3320	10	US-09-862-658-1
13	32	9.6	412	9	US-09-918-995-6087
14	31.8	9.6	1036	9	US-10-023-282-86
15	31.6	9.5	466	9	US-09-918-995-32175
16	31.4	9.5	771	9	US-10-010-920-4
17	31.4	9.5	771	9	US-10-010-920-5
18	31.4	9.5	771	9	US-10-008-721-4
19	31.4	9.5	771	9	US-10-008-721-5

c	20	31.4	9.5	955	9	US-10-010-920-3	Sequence 3, Appli
c	21	31.4	9.5	955	9	US-10-008-721-3	Sequence 3, Appli
c	22	30.6	9.2	250	9	US-10-066-543-1474	Sequence 1474, Ap
c	23	30.6	9.2	305	10	US-09-879-536-618	Sequence 618, App
c	24	30.6	9.2	2885	10	US-09-880-107-3388	Sequence 3388, App
c	25	30.6	9.2	3370	12	US-10-044-090-339	Sequence 339, App
c	26	30.6	9.2	38186	9	US-09-373-658-38	Sequence 38, Appli
c	27	30.2	9.1	187	10	US-09-783-590-3051	Sequence 3051, Ap
c	28	30.2	9.1	340	10	US-09-833-381-1715	Sequence 1715, Ap
c	29	30.2	9.1	444	10	US-09-864-761-4561	Sequence 4561, Ap
c	30	30.2	9.1	478	9	US-09-918-995-27609	Sequence 27609, A
c	31	30.2	9.1	1794	9	US-09-918-995-21158	Sequence 21158, A
c	32	30.2	9.1	1794	9	US-10-037-270-988	Sequence 988, App
c	33	30.2	9.1	30676	10	US-09-927-091-6	Sequence 8, Appli
c	34	30.2	9.1	45845	10	US-09-927-091-6	Sequence 6, Appli
c	35	30	9.0	60	9	US-09-877-705A-142	Sequence 142, App
c	36	30	9.0	60	9	US-09-877-738A-142	Sequence 142, App
c	37	30	9.0	2251	10	US-09-834-765-4	Sequence 4, Appli
c	38	30	9.0	2251	10	US-09-834-765-761	Sequence 761, App
c	39	30	9.0	2771	10	US-09-834-765-1	Sequence 1, Appli
c	40	29.8	9.0	854	10	US-09-765-231A-42	Sequence 42, Appli
c	41	29.6	8.9	456	9	US-09-918-995-31128	Sequence 31128, A
c	42	29.4	8.9	488	9	US-09-918-995-14528	Sequence 14528, A
c	43	29.2	8.8	436	9	US-09-918-995-3156	Sequence 3156, Ap
c	44	29.2	8.8	41936	10	US-09-967-768A-116	Sequence 116, App
c	45	29.2	8.8	3309400	9	US-09-738-626-1	Sequence 1, Appli

## ALIGNMENTS

## RESULT 1

US-09-808-388-6  
Sequence 6, Application us/09808388  
Patent No. US2002008179A1  
GENERAL INFORMATION:  
APPLICANT: Massaad, Charbel  
APPLICANT: Berenbaum, Francis  
APPLICANT: Olivier, Jean-Luc  
APPLICANT: Salvat, Colette  
APPLICANT: Berezat, Gilbert  
TITLE OF INVENTION: Inflammation Inducible Hybrid Promoters, Vectors Comprising th  
FILE REFERENCE: ST00010  
CURRENT APPLICATION NUMBER: US/09/808,388  
PRIOR FILING DATE: 2001-09-20  
PRIOR APPLICATION NUMBER: FR/00/03262  
PRIOR FILING DATE: 2000-03-14  
PRIOR APPLICATION NUMBER: US 60/196,959  
PRIOR FILING DATE: 2000-04-13  
NUMBER OF SEQ ID NOS: 7  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 6  
LENGTH: 332  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: PRE/PLAAs hybrid promoter  
US-09-808-388-6

Query Match 100.0%; Score 332; DB 10; Length 332;  
Best Local Similarity 100.0%; Pred. No. 2.4e-108;  
Matches 332; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	GTACCAATTGCGCAAACTAGTCAAGGTCTCAAACTAGGTCAAAAGGTCAAAATTGGA	60
DB	1	GTACCAATTGCGCAAACTAGTCAAGGTCTCAAACTAGGTCAAAAGGTCAAAATTGGA	60
QY	61	ACGGCGCAAACTGCTGCAAAATGTTTGGCATGAGTACGACACGTAAGCTTTCCCA	120
DB	61	ACGGCGCAAACTGCTGCAAAATGTTTGGCATGAGTACGACACGTAAGCTTTCCCA	120
QY	121	ATTCCTAACTCTGTCTCCACGCTGAGGGAAGGAGATTACTAGGGGTATGG	180







Db 1076 AGGCTGCGCCGTCAGAGCTGTGGGGACAAAAGGGCATTTGGTATGC-----CC 1125  
Qy 187 AATCTGATGCTACCAACTGACACGCGCCATCCCGAGCTTGCTTACCTACCCCA 246  
Db 1126 ATCCGTATCTACCTATTGACCAACCCACCT-----CCCAT 1164  
Qy 247 CCTCCAGAGGAGCAGCTATTTAAGGGAGCAGAGTGCAGAACAAAGAGAC 300  
Db 1165 CCTGCGAGAGGAGAGAGCTATTTAAGGCGACTTGAATTCAGAAACAAAGAGAC 1218

## RESULT 8

US-09-808-388-3  
Sequence 3, Application US/09808388  
Patent No. US20020081719A1  
GENERAL INFORMATION:  
APPLICANT: Massaad, Charbel  
APPLICANT: Berendbaum, Francis  
APPLICANT: Olivier, Jean-Luc  
APPLICANT: Salvat, Colette  
APPLICANT: Berezat, Gilbert  
TITLE OF INVENTION: Inflammation Inducible Hybrid Promoters, Vectors Comprising them  
FILE REFERENCE: ST00010  
CURRENT APPLICATION NUMBER: US/09/808.388  
CURRENT FILING DATE: 2001-09-20  
PRIOR APPLICATION NUMBER: FR/00/03262  
PRIOR FILING DATE: 2000-03-14  
PRIOR APPLICATION NUMBER: US 60/196.959  
PRIOR FILING DATE: 2000-04-13  
NUMBER OF SEQ ID NOS: 7  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 3  
LENGTH: 41  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: PPRE element  
US-09-808-388-3

Query Match 12.3%; Score 41; DB 10; Length 41;  
Best Local Similarity 100.0%; Pred. No. 7.8e-05;  
Matches 41; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 13 CAAACTAGTCAAGGTCAATCAAAAGTCAAGTCAAGTCA 53  
Db 1 CAAACTAGTCAAGGTCAATCAAAAGTCAAGTCAAGTCA 41

## RESULT 9

US-10-175-696-24  
Sequence 24, Application US/10175696  
Publication No. US20030092658A1  
GENERAL INFORMATION:  
APPLICANT: Glucksmann, Maria Alexandra  
APPLICANT: Meyers, Rachel  
APPLICANT: Rudolph-Owen, Laura A.  
TITLE OF INVENTION: NOVEL HUMAN ENZYME FAMILY MEMBERS AND USES THEREOF  
FILE REFERENCE: 10448-193001  
CURRENT APPLICATION NUMBER: US/10/175.696  
CURRENT FILING DATE: 2002-06-20  
PRIOR APPLICATION NUMBER: 10/067.668  
PRIOR FILING DATE: 2002-02-04  
PRIOR APPLICATION NUMBER: 60/266.140  
PRIOR FILING DATE: 2001-02-02  
PRIOR APPLICATION NUMBER: 09/823.901  
PRIOR FILING DATE: 2001-03-30  
PRIOR APPLICATION NUMBER: PCT/US01/10720  
PRIOR FILING DATE: 2001-04-02  
PRIOR APPLICATION NUMBER: 60/193.920  
PRIOR FILING DATE: 2000-03-31  
PRIOR APPLICATION NUMBER: 09/862.658

PRIOR FILING DATE: 2001-05-21  
PRIOR APPLICATION NUMBER: PCT/US01/16380  
PRIOR FILING DATE: 2001-05-21  
PRIOR APPLICATION NUMBER: 60/205.675  
PRIOR FILING DATE: 2000-05-19  
PRIOR APPLICATION NUMBER: 09/882.837  
PRIOR FILING DATE: 2001-06-15  
PRIOR APPLICATION NUMBER: PCT/US01/19319  
PRIOR FILING DATE: 2001-06-15  
PRIOR APPLICATION NUMBER: 60/211.727  
PRIOR FILING DATE: 2000-06-15  
NUMBER OF SEQ ID NOS: 31  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 24  
LENGTH: 2136  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-175-696-24

Query Match 10.2%; Score 33.8; DB 9; Length 2136;  
Best Local Similarity 53.4%; Pred. No. 0.18;  
Matches 71; Conservative 0; Mismatches 62; Indels 0; Gaps 0;

Qy 129 CTCGTCTGCTGCACTGATGAGGGGAAGGAAGGATTACTAGGGGTATGGGACCA 188  
Db 1752 CTCGTCCAGCAGCCTCTGTCAACAGTGGGACAGCATGCTTGGGCTGTGATGCCAA 1811  
Qy 189 TCCGTAGTCCACAGTACAGCAGCCATCCCGCTGTGCTTACCTACCCCAAC 248  
Db 1812 TGCTTCATCATCCTATGAGGAGCCGCCACCCAGACCAAGGGAGCACACCCCTGAAGAC 1871  
Qy 249 TCCAGAGGGAGC 261  
Db 1872 TTACCTAGACACC 1884

## RESULT 10

US-09-862-658-3  
Sequence 3, Application US/09862658  
Patent No. US20020137101A1  
GENERAL INFORMATION:  
APPLICANT: Meyers, Rachel  
TITLE OF INVENTION: MEMBER AND USES THEREOF  
FILE REFERENCE: 10448-053001  
CURRENT APPLICATION NUMBER: US/09/862.658  
CURRENT FILING DATE: 2001-05-22  
PRIOR APPLICATION NUMBER: US 60/205.675  
PRIOR FILING DATE: 2000-05-19  
NUMBER OF SEQ ID NOS: 6  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 3  
LENGTH: 2136  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-862-658-3

Query Match 10.2%; Score 33.8; DB 10; Length 2136;  
Best Local Similarity 53.4%; Pred. No. 0.18;  
Matches 71; Conservative 0; Mismatches 62; Indels 0; Gaps 0;

Qy 129 CTCGTCTGCTGCACTGATGAGGGGAAGGAAGGATTACTAGGGGTATGGGACCA 188  
Db 1752 CTCGTCCAGCAGCCTCTGTCAACAGTGGGACAGCATGCTTGGGCTGTGATGCCAA 1811  
Qy 189 TCCGTAGTCCACAGTACAGCAGCCATCCCGCTGTGCTTACCTACCCCAAC 248  
Db 1812 TGCTTCATCATCCTATGAGGAGCCGCCACCCAGACCAAGGGAGCACACCCCTGAAGAC 1871  
Qy 249 TCCAGAGGGAGC 261  
Db 1872 TTACCTAGACACC 1884



1	CURRENT	APPLICATION	NUMBER	US/10/023, 282
2	CURRENT	FILING DATE	2001-12-20	
3	EARLIER	APPLICATION	NUMBER	09/205, 258
4	EARLIER	FILING DATE	1998-12-04	
5	EARLIER	APPLICATION	NUMBER	PCT/US98/11422
6	EARLIER	FILING DATE	1998-06-04	
7	EARLIER	APPLICATION	NUMBER	60/048, 885
8	EARLIER	FILING DATE	1997-06-06	
9	EARLIER	APPLICATION	NUMBER	60/049, 375
10	EARLIER	FILING DATE	1997-06-06	
11	EARLIER	APPLICATION	NUMBER	60/048, 881
12	EARLIER	FILING DATE	1997-06-06	
13	EARLIER	APPLICATION	NUMBER	60/048, 880
14	EARLIER	FILING DATE	1997-06-06	
15	EARLIER	APPLICATION	NUMBER	60/048, 896
16	EARLIER	FILING DATE	1997-06-06	
17	EARLIER	APPLICATION	NUMBER	60/049, 020
18	EARLIER	FILING DATE	1997-06-06	
19	EARLIER	APPLICATION	NUMBER	60/048, 876
20	EARLIER	FILING DATE	1997-06-06	
21	EARLIER	APPLICATION	NUMBER	60/048, 895
22	EARLIER	FILING DATE	1997-06-06	
23	EARLIER	APPLICATION	NUMBER	60/048, 884
24	EARLIER	FILING DATE	1997-06-06	
25	EARLIER	APPLICATION	NUMBER	60/048, 894
26	EARLIER	FILING DATE	1997-06-06	
27	EARLIER	APPLICATION	NUMBER	60/048, 971
28	EARLIER	FILING DATE	1997-06-06	
29	EARLIER	APPLICATION	NUMBER	60/048, 964
30	EARLIER	FILING DATE	1997-06-06	
31	EARLIER	APPLICATION	NUMBER	60/048, 882
32	EARLIER	FILING DATE	1997-06-06	
33	EARLIER	APPLICATION	NUMBER	60/048, 899
34	EARLIER	FILING DATE	1997-06-06	
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36	EARLIER	FILING DATE	1997-06-06	
37	EARLIER	APPLICATION	NUMBER	60/048, 900
38	EARLIER	FILING DATE	1997-06-06	
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40	EARLIER	FILING DATE	1997-06-06	
41	EARLIER	APPLICATION	NUMBER	60/048, 892
42	EARLIER	FILING DATE	1997-06-06	
43	EARLIER	APPLICATION	NUMBER	60/048, 915
44	EARLIER	FILING DATE	1997-06-06	
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47	EARLIER	APPLICATION	NUMBER	60/048, 970
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49	EARLIER	APPLICATION	NUMBER	60/048, 972
50	EARLIER	FILING DATE	1997-06-06	
51	EARLIER	APPLICATION	NUMBER	60/048, 916
52	EARLIER	FILING DATE	1997-06-06	
53	EARLIER	APPLICATION	NUMBER	60/049, 373
54	EARLIER	FILING DATE	1997-06-06	
55	EARLIER	APPLICATION	NUMBER	60/048, 875
56	EARLIER	FILING DATE	1997-06-06	
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58	EARLIER	FILING DATE	1997-06-06	
59	EARLIER	APPLICATION	NUMBER	60/048, 917
60	EARLIER	FILING DATE	1997-06-06	
61	EARLIER	APPLICATION	NUMBER	60/048, 949
62	EARLIER	FILING DATE	1997-06-06	
63	EARLIER	APPLICATION	NUMBER	60/048, 974
64	EARLIER	FILING DATE	1997-06-06	
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67	EARLIER	APPLICATION	NUMBER	60/048, 897
68	EARLIER	FILING DATE	1997-06-06	
69	EARLIER	APPLICATION	NUMBER	60/048, 898
70	EARLIER	FILING DATE	1997-06-06	
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72	EARLIER	FILING DATE	1997-06-06	
73	EARLIER	APPLICATION	NUMBER	60/048, 963

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1  EARLIER FILING DATE: 1997-06-06
2  EARLIER APPLICATION NUMBER: 60/0448, 877
3  EARLIER FILING DATE: 1997-06-06
4  EARLIER APPLICATION NUMBER: 60/0448, 878
5  EARLIER FILING DATE: 1997-06-06
6  EARLIER APPLICATION NUMBER: 60/0700, 923
7  EARLIER FILING DATE: 1997-12-18
8  EARLIER APPLICATION NUMBER: 60/0922, 921
9  EARLIER FILING DATE: 1998-07-15
10 EARLIER APPLICATION NUMBER: 60/0944, 657
11 EARLIER FILING DATE: 1998-07-30
12 NUMBER OF SEQ. ID NOS: 1227
13 SOFTWARE: PatentIn Ver. 2.0
14 SEQ. ID NO 86
15 LENGTH: 1036
16 TYPE: DNA
17 ORGANISM: Homo sapiens
18 FEATURE:
19 NAME/KEY: SITE
20 LOCATION: (1020)
21 OTHER INFORMATION: n equals a,t,g, or c
22 FEATURE:
23 NAME/KEY: SITE
24 LOCATION: (1024)
25 OTHER INFORMATION: n equals a,t,g, or c
26 FEATURE:
27 NAME/KEY: SITE
28 LOCATION: (1032)
29 OTHER INFORMATION: n equals a,t,g, or c
30 US-10-023-282-86

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Query Match	9.68;	Score 31.8;	DB 9;	Length 1036;
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Matches 69; Conservative 0; Mismatches 62; Indels 0; Gaps 0;

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Db  
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[illegible]

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QY 309 GATACACTCT 319

Db 732 CAACTACCCCT 722 .

RESOL 13  
US-09-918-995-32175/c

Sequence 32175, Application US/09918995  
Publication No. US20030073623A1

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; GENERAL INFORMATION:
;
; ADDITANT: HUSOQ TRO

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TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OBTAINED

FILE OF INVENTION: FROM VARIOUS CENSUS DERIVED  
: FILE REFERENCE: 20411-756

: CURRENT APPLICATION NUMBER: US/09/918,995  
 : CURRENT FILING DATE: 2001-07-30

; PRIOR APPLICATION NUMBER: US/09/235,076  
 ; PRIOR FILING DATE: 1999-01-30

NUMBER OF SEQ ID NOS: 38054

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SOFTWARE: FASTSEQ FOR WINDOWS VERSION 3.0
; SEQ ID NO 32175

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; LENGTH: 466
; TYPE: DNA
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ORGANISM: *Homo sapiens*  
FEEDTYPE:

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NAME/KEY: misc_feature
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; LOCATION: (1)...(400)
; OTHER INFORMATION: n = A,T,C or G
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US-09-918-995-321/5

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 Best Local Similarity 46.18; Pred. No. 0.54;  
 Matches 106; Conservative 0; Mismatches 124; Indels 0; Gaps 0;

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Db	434	GCTGCAGACACCACTGATTGTTAAAGCACTCTCATCTCCAGATAGAGAAACCGAG	375
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Db	374	GGCCGGGGAGGCTTGGAATGCTGCAAAATCAGGCGGAGCTGTGAATCCGTCGCCG	315
QY	217	TCCCCAGCCTTGCTGCTCACTACCCCAACCTCCAGAGGAGCAGTATTTAAGGGGA	276
Db	314	CCTGTGGCCACAGCGCCCTCTCTCCCTGCTGCGGAGGCCGATCCGGTTCTGTAGA	255
QY	277	GCAGAGTGCAGAACCAAGAGCGCTGGGGATACAACTCTGAGTCC	326
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Search completed: June 14, 2003, 01:26:15  
 Job time : 96.6561 secs



GenCore version 5.1.6  
Copyright (c) 1993 - 2003 CompuGen Ltd.

OM nucleic - nucleic search, using sw model

Run on: June 13, 2003, 20:00:53 ; Search time 128.424 Seconds  
(without alignments)  
2254.273 Million cell updates/sec

Title: US-09-808-388-7

Perfect score: 944

Sequence: 1 tgcgcgcctcgcgtgagcc.....cgtcgtgactggaacc 944

Scoring table: IDENTITY-NUC

Gapop 10.0 , Gapext 1.0

Searched: 441362 seqs, 153338381 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database :

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6: /cgn2\_6/ptodata/2/ina/backfile1.seq:\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

#### SUMMARIES

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2	144	15.3	8083	4	US-09-383-630-5
3	104.4	11.1	34303	2	US-08-735-609-4
4	104.4	11.1	34303	2	US-08-735-609-4
5	104.4	11.1	34303	3	US-09-315-372-4
6	104.4	11.1	34303	3	US-09-244-752-4
7	104.4	11.1	34303	3	US-09-245-497-4
8	104.4	11.1	34303	4	US-09-562-919-4
9	104.4	11.1	34303	4	US-08-374-483-6
10	104.4	11.1	34303	4	US-08-973-334-3
11	104.4	11.1	34303	4	US-09-563-869A-3
12	104.4	11.1	34303	4	US-08-549-489-3
13	104.4	11.1	34303	2	US-08-735-609-1
14	104.4	11.1	34303	2	US-08-735-609-1
15	104.4	11.1	34303	3	US-08-379-452-43
16	104.4	11.1	34303	3	US-09-315-372-1
17	104.4	11.1	34303	3	US-09-244-752-1
18	104.4	11.1	34303	3	US-09-245-497-1
19	104.4	11.1	34303	3	US-09-409-670-43
20	104.4	11.1	34303	4	US-09-562-919-1
21	98	10.4	343	5	PCT-US93-08067-1
22	86.8	9.2	36519	5	US-08-923-137-2
23	78.8	8.3	266	5	PCT-US93-08067-2
24	69.6	7.4	35524	3	US-08-923-137-1
25	64.8	6.9	35081	2	US-08-752-760A-1
26	62	6.6	7218	1	US-08-232-463-14
27	58	6.1	208	3	US-08-766-354A-1

C	28	54.6	5.8	11958	4	US-08-927-317-7	Sequence 7, Appl
C	29	48	5.1	4810	3	US-08-852-629-11	Sequence 11, Appl
C	30	47.2	5.0	34185	4	US-09-545-481-3	Sequence 3, Appl
C	31	46.2	4.9	320	4	US-09-165-264-14	Sequence 14, Appl
C	32	46	4.9	320	4	US-09-165-264-7	Sequence 7, Appl
C	33	46	4.9	320	4	US-09-165-264-13	Sequence 13, Appl
C	34	45.2	4.8	319	4	US-09-165-264-8	Sequence 8, Appl
C	35	44.8	4.7	320	4	US-09-165-264-11	Sequence 11, Appl
C	36	44.6	4.7	318	4	US-09-165-264-12	Sequence 12, Appl
C	37	43.8	4.6	4838	3	US-08-852-629-15	Sequence 15, Appl
C	38	43.4	4.6	11299	4	US-09-238-356-14	Sequence 14, Appl
C	39	42.6	4.5	152331	3	US-09-128-155-16	Sequence 16, Appl
C	40	42.4	4.5	8657	4	US-09-380-190A-14	Sequence 14, Appl
C	41	42.4	4.5	9093	4	US-09-380-190A-23	Sequence 23, Appl
C	42	41.8	4.4	7252	4	US-09-238-356-27	Sequence 27, Appl
C	43	41.8	4.4	7387	4	US-09-238-356-28	Sequence 28, Appl
C	44	41.2	4.4	333	4	US-09-113-750A-55	Sequence 55, Appl
C	45	41.2	4.4	333	4	US-09-113-750A-58	Sequence 58, Appl

#### ALIGNMENTS

RESULT 1  
US-09-383-630-4  
; Sequence 4, Application US/09383630A  
; Patent No. 6265632  
GENERAL INFORMATION:  
APPLICANT: Avner Yayon et al.  
TITLE OF INVENTION: ANIMAL MODEL FOR FIBROBLAST GROWTH  
FACTOR RECEPTOR ASSOCIATED  
CHONDRODYSPLASIA  
NUMBER OF SEQUENCES: 18  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Mark M. Friedmann c/o Anthony Castorina  
STREET: 2001 Jefferson Davis Highway, Suite 207  
CITY: Arlington  
STATE: Virginia  
COUNTRY: United States of America  
ZIP: 22202  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk  
COMPUTER: Twinhead\* Slimnote-890TX  
OPERATING SYSTEM: MS DOS version 6.2,  
Windows version 3.11  
SOFTWARE: Word for Windows version 2.0 converted  
to an ASCII file  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/383,630A  
FILING DATE: 26-Aug-1999  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: <Unknown>  
FILING DATE: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Friedmann, Mark M.  
REGISTRATION NUMBER: 33,883  
REFERENCE/DOCKET NUMBER: 1402/2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 972-3-562553  
TELEFAX: 972-3-562554  
TELEX: <Unknown>  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 8083  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
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US-09-383-630-4  
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Best Local Similarity 96.7%; Pred. No. 3,5e-28;

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	US-09-383-630-5									
	Sequence 5, Application US/09383630A									
	Patent No. 6265632									
	GENERAL INFORMATION:									
	APPLICANT: Ayner Yavon et al.									
	TITLE OF INVENTION: ANIMAL MODEL FOR FIBROBLAST GROWTH									
	FACTOR RECEPTOR ASSOCIATED									
	CHONDRODYSPLASIA									
	NUMBER OF SEQUENCES: 18									
	CORRESPONDENCE ADDRESS:									
	ADDRESSEE: Mark M. Friedman c/o Anthony Castorina									
	STREET: 2001 Jefferson Davis Highway, Suite 207									
	CITY: Arlington									
	STATE: Virginia									
	COUNTRY: United States of America									
	ZIP: 22202									
	COMPUTER READABLE FORM:									
	MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk									
	COMPUTER: Twinhead* Slimnote-890TX									
	OPERATING SYSTEM: MS DOS version 6.2,									
	SOFTWARE: Word for Windows version 3.11									
	to an ASCII file									
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	FILING DATE: 26-Aug-1999									
	CLASSIFICATION: <unknown>									
	PRIOR APPLICATION DATA:									
	APPLICATION NUMBER: <unknown>									
	FILING DATE: <unknown>									
	ATTORNEY/AGENT INFORMATION:									
	NAME: Friedmann, Mark M.									
	REGISTRATION NUMBER: 33,883									

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QY      852  GTCCTTCACAGTGGGAGATGACGATGATCATGATA 883
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Db      4987  GTCCTTCACAGTGGGAGATGACGATGATGATCA 5018

RESULT 3
US-08-735-609-4
; Sequence 4, Application US/08735609
; Patent No. 5953360
; GENERAL INFORMATION:
; APPLICANT: Chamberlain, Jeffrey S.
; APPLICANT: Amalfitano, Andrea
; APPLICANT: Hauser, Michael A.
; APPLICANT: Kumar-Singh, Rajendra
; APPLICANT: Hartigan-O'Connor, Dennis J.
; TITLE OF INVENTION: IMPROVED ADENOVIIRUS VECTORS
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Medlen & Carroll, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: California
; COUNTRY: United States Of America
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/735,609
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Ingolia, Diane E.
; REGISTRATION NUMBER: 40,027
; REFERENCE/DOCKET NUMBER: DM-02484
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 34303 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
US-08-735-609-4

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Best Local Similarity 99.1%; Pred. No. 9.8e-18;
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Db      8546  TCTAGGGGGCAGTATGTCACAGGCTTCCTGATGATGATCATCTATCTGTCCTTTT 8605

QY      817  TTCACAGCTCGCGTTGAGGACAAACTCTTCGCGTCTTTCAGT 862
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RESULT 4
US-08-735-609-4
; Sequence 4, Application US/08735609
; Patent No. 5994132
; GENERAL INFORMATION:
; APPLICANT: Chamberlain, Jeffrey S.
; APPLICANT: Amalfitano, Andrea
; APPLICANT: Hauser, Michael A.
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentln Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/315,372
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/735,609
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: UM-02484
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 34303 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
US-09-315-372-4

Query Match 11.1%; Score 104.4; DB 3; Length 34303;
Best Local Similarity 99.1%; Pred. No. 9,8e-18;
Matches 105; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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OY 817 TTCCACAGCTCGCGGTGAGGACCAACTCTCGGGGCTTTCACGT 862
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RESULT 6
US-09-244-752-4
: Sequence 4, Application US/09244752
: Patent No. 6063622
: GENERAL INFORMATION:
: APPLICANT: Chamberlain, Jeffrey S.
: APPLICANT: Amalfitano, Andrea
: APPLICANT: Hauser, Michael A.
: APPLICANT: Kumar-Sinoh, Rajendra
: APPLICANT: Hartigan-O'Connor, Dennis J.
: TITLE OF INVENTION: IMPROVED ADENOVIRUS VECTORS
: NUMBER OF SEQUENCES: 15
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Medlen & Carroll, LLP
: STREET: 220 Montgomery Street, Suite 2200
: CITY: San Francisco
: STATE: California
: COUNTRY: United States Of America
: ZIP: 94104
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patentln Release #1.0, Version #1.30
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/09/244,752
: FILING DATE:
: CLASSIFICATION:
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 08/735,609
: FILING DATE:
: ATTORNEY/AGENT INFORMATION:
: NAME: Ingolia, Diane E.
: REGISTRATION NUMBER: 40,027
: REFERENCE/DOCKET NUMBER: 08/735,609
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (415) 705-8410
: TELEFAX: (415) 397-8338
: INFORMATION FOR SEQ ID NO: 4:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 34303 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: double
: TOPOLOGY: linear
: MOLECULE TYPE: other nucleic acid
: DESCRIPTION: /desc = "DNA"
: US-09-315-372-4

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REFERENCE/DOCKET NUMBER: UM-02484  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 705-8410  
TELEFAX: (415) 397-8338  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 34303 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "DNA"  
US-09-245-497-4

Query Match 11.1%; Score 104.4; DB 3; Length 34303;  
Best Local Similarity 99.1%; Pred. No. 9.8e-18;  
Matches 105; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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DB 8546 TCTAGGGCGCAGTAGTCCAGGGTTCCCTGTATGATGATCACTTATCTGCTCTTTT 8605

QY 817 TTCACAGCTCGCGGTGAGACAACTCTTCGGGCTTTCAGT 862  
DB 8606 TTCACAGCTCGCGGTGAGACAACTCTTCGGGCTTTCAGT 8651

RESULT 7  
US-09-245-497-4  
Sequence 4, Application US/09245497  
Patent No. 6083750  
GENERAL INFORMATION:  
APPLICANT: Chamberlain, Jeffrey S.  
APPLICANT: Amalfitano, Andrea  
APPLICANT: Hauser, Michael A.  
APPLICANT: Kumar-Singh, Rajendra  
APPLICANT: Hartigan-O'Connor, Dennis J.  
TITLE OF INVENTION: IMPROVED ADENOVIRUS VECTORS  
NUMBER OF SEQUENCES: 15  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Medlen & Carroll, LLP  
STREET: 220 Montgomery Street, Suite 2200  
CITY: San Francisco  
STATE: California  
COUNTRY: United States Of America  
ZIP: 94104  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/245,497  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/735,609  
APPLICATION NUMBER: <B> FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Ingolia, Diane E.  
REGISTRATION NUMBER: 40,027  
REFERENCE/DOCKET NUMBER: UM-02484  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 705-8410  
TELEFAX: (415) 397-8338  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 34303 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "DNA"

US-09-245-497-4

Query Match 11.1%; Score 104.4; DB 3; Length 34303;  
Best Local Similarity 99.1%; Pred. No. 9.8e-18;  
Matches 105; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 757 TGTAGGGCGCAGTAGTCCAGGGTTCCCTGTATGATGATCACTTATCTGCTCTTTT 816  
DB 8546 TCTAGGGCGCAGTAGTCCAGGGTTCCCTGTATGATGATCACTTATCTGCTCTTTT 8605

QY 817 TTCACAGCTCGCGGTGAGACAACTCTTCGGGCTTTCAGT 862  
DB 8606 TTCACAGCTCGCGGTGAGACAACTCTTCGGGCTTTCAGT 8651

RESULT 8  
US-09-562-919-4  
Sequence 4, Application US/09562919  
Patent No. 6451596  
GENERAL INFORMATION:  
APPLICANT: Chamberlain, Jeffrey S.  
APPLICANT: Amalfitano, Andrea  
APPLICANT: Hauser, Michael A.  
APPLICANT: Kumar-Singh, Rajendra  
APPLICANT: Hartigan-O'Connor, Dennis J.  
TITLE OF INVENTION: IMPROVED ADENOVIRUS VECTORS  
NUMBER OF SEQUENCES: 15  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Medlen & Carroll, LLP  
STREET: 220 Montgomery Street, Suite 2200  
CITY: San Francisco  
STATE: California  
COUNTRY: United States Of America  
ZIP: 94104  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/562,919  
FILING DATE: 02-May-2000  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/735,609  
FILING DATE: 23-Oct-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Ingolia, Diane E.  
REGISTRATION NUMBER: 40,027  
REFERENCE/DOCKET NUMBER: UM-02484  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 705-8410  
TELEFAX: (415) 397-8338  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 34303 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "DNA"  
SEQUENCE DESCRIPTION: SEQ ID NO: 4:  
US-09-562-919-4

Query Match 11.1%; Score 104.4; DB 4; Length 34303;  
Best Local Similarity 99.1%; Pred. No. 9.8e-18;  
Matches 105; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 757 TGTAGGGCGCAGTAGTCCAGGGTTCCCTGTATGATGATCACTTATCTGCTCTTTT 816  
DB 8546 TCTAGGGCGCAGTAGTCCAGGGTTCCCTGTATGATGATCACTTATCTGCTCTTTT 8605

QY 817 TTCACAGCTCGCGGTGAGACAACTCTTCGGGCTTTCAGT 862



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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release 1.0 Version 1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/563,869A
FILING DATE: 03-MAY-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/973,334
FILING DATE: <Unknown>
APPLICATION NUMBER: US 08/549,489
FILING DATE: 27-OCT-1995
ATTORNEY/AGENT INFORMATION:
NAME: Bak, Mary E.
REGISTRATION NUMBER: 31,215
REFERENCE/DOCKET NUMBER: GNPVNO12CIPUSA
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 540-9206
TELEFAX: (215) 540-5818
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 35408 base pairs
TYPE: nucleic acid
STRANDEDNESS: not relevant
TOPOLOGY: not relevant
MOLECULE TYPE: other nucleic acid
SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-09-563-869A-3

Query Match
Best Local Similarity 11.1%; Score 104.4; DB 4; Length 35408;
Patent No. 5955360
Matches 105; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 757 TGTAGGGCGCAGTGTGTCAGGCTTCCCTGATGATGATCATCTTATCTGCTCTTTT 816
Db 8371 TCTAGGGCGCAGTGTGTCAGGCTTCCCTGATGATGATCATCTTATCTGCTCTTTT 8430
QY 817 TTCCACAGCTCGCGGTGAGGACAACTCTTCGCGCTTCCAGT 862
Db 8431 TTCCACAGCTCGCGGTGAGGACAACTCTTCGCGCTTCCAGT 8476

RESULT 12
US-08-549-489-3
Sequence 3, Application US/08549489
Patent No. 6281010
GENERAL INFORMATION:
APPLICANT: Wilson, James M.
APPLICANT: Gao, Guang-Ping
TITLE OF INVENTION: No. 6281010el Adenovirus Gene Therapy Vehicle
TITLE OF INVENTION: and Cell Line
NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Howson and Howson
STREET: Box 457, 321 No. 6281010Istown Road
CITY: Spring House
STATE: PA
COUNTRY: USA
ZIP: 19477
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/549,489
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/462,014
FILING DATE: 08-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Bak, Mary E.
REGISTRATION NUMBER: 31,215
```

```
REFERENCE/DOCKET NUMBER: GNPVNO13
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 540-9206
TELEFAX: (215) 540-5818
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 35408 base pairs
TYPE: nucleic acid
STRANDEDNESS: not relevant
TOPOLOGY: not relevant
MOLECULE TYPE: other nucleic acid
US-08-549-489-3

Query Match
Best Local Similarity 11.1%; Score 104.4; DB 4; Length 35408;
Patent No. 5955360
Matches 105; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 757 TGTAGGGCGCAGTGTGTCAGGCTTCCCTGATGATGATCATCTTATCTGCTCTTTT 816
Db 8371 TCTAGGGCGCAGTGTGTCAGGCTTCCCTGATGATGATCATCTTATCTGCTCTTTT 8430
QY 817 TTCCACAGCTCGCGGTGAGGACAACTCTTCGCGCTTCCAGT 862
Db 8431 TTCCACAGCTCGCGGTGAGGACAACTCTTCGCGCTTCCAGT 8476

RESULT 13
US-08-735-609-1
Sequence 1, Application US/08735609
Patent No. 5955360
GENERAL INFORMATION:
APPLICANT: Chamberlain, Jeffrey S.
APPLICANT: Amalfitano, Andrea
APPLICANT: Hauser, Michael A.
APPLICANT: Kumar-Singh, Rajendra
APPLICANT: Hartigan-O'Connor, Dennis J.
TITLE OF INVENTION: IMPROVED ADENOVIRUS VECTORS
NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Medlen & Carroll, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: California
COUNTRY: United States of America
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/735,609
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: UM-02484
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 35935 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
US-08-735-609-1

Query Match
Best Local Similarity 11.1%; Score 104.4; DB 2; Length 35935;
Patent No. 5955360
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Db	121	CCCTGCTACTCTCCCTGACTGTGACCCTTTCTCTCACTCCCTCCCAAGTACTAG	180
Qy	181	GATCCCTCTAGAGCTTGCAGATCTGGGATTTGGCAGCATGCGTTCAGATGGCTGAAC	240
Db	181	GATCCCTCTAGAGCTTGCAGATCTGGGATTTGGCAGCATGCGTTCAGATGGCTGAAC	240
Qy	241	CGTCCCGGATTTATTTAACTGGTTCCTCGTGGAGACTGTGAAATGGGGCTGTATGC	300
Db	241	CGTCCCGGATTTATTTAACTGGTTCCTCGTGGAGACTGTGAAATGGGGCTGTATGC	300
Qy	301	GCTTGAGAAAAAGCCCATTCATGAGAGCAGAGCCAGTGGGTGCCCAACTCCCAACC	360
Db	301	GCTTGAGAAAAAGCCCATTCATGAGAGCAGAGCCAGTGGGTGCCCAACTCCCAACC	360
Qy	361	CCCTCTCCCAATGCACAGGCTCCCGCCCTCATCCGCCCCCAACCCCGTGC	420
Db	361	CCCTCTCCCAATGCACAGGCTCCCGCCCTCATCCGCCCCCAACCCCGTGC	420
Qy	421	CTGCGCGCACCTTCAGATGCATCTGGGATTTGGCAGCATGGCTTCAGATGGCTGAAC	480
Db	421	CTGCGCGCACCTTCAGATGCATCTGGGATTTGGCAGCATGGCTTCAGATGGCTGAAC	480
Qy	481	CTGCGCGGATTTATTTAACTGGTTCCTCGTGGAGACTGTGAAATGGGGCTGTATGC	540
Db	481	CTGCGCGGATTTATTTAACTGGTTCCTCGTGGAGACTGTGAAATGGGGCTGTATGC	540
Qy	541	GCTTGAGAAAAAGCCCATTCATGAGAGCAGAGCCAGTGGGTGCCCAACTCCCAACC	600
Db	541	GCTTGAGAAAAAGCCCATTCATGAGAGCAGAGCCAGTGGGTGCCCAACTCCCAACC	600
Qy	601	CCCTCTCCCAATGCACAGGCTCCCGCCCTCATCCGCCCCCAACCCCGTGC	660
Db	601	CCCTCTCCCAATGCACAGGCTCCCGCCCTCATCCGCCCCCAACCCCGTGC	660
Qy	661	CGTCCCGCACCTTCAGATGCATCTGGGATTTGGCAGCATGGGTTCAGATGGAT	720
Db	661	CGTCCCGCACCTTCAGATGCATCTGGGATTTGGCAGCATGGGTTCAGATGGAT	720
Qy	721	AAGCCAAAGCTTAGTGGATCCCCCGGGCTGCAGATCTTAAAGGCGCAGTATGTCAGGTT	780
Db	721	AAGCCAAAGCTTAGTGGATCCCCCGGGCTGCAGATCTTAAAGGCGCAGTATGTCAGGTT	780
Qy	781	TCTTGATGATGTCATACTTATCTCTGTCCCTTTTTCACACAGCTCGCGGTTGAGACA	840
Db	781	TCTTGATGATGTCATACTTATCTCTGTCCCTTTTTCACACAGCTCGCGGTTGAGACA	840
Qy	841	AACCTCTTCGGGCTTTCACAGTGGGGATTCAGAGGATGATGAACCTTGATGATCTGAC	900
Db	841	AACCTCTTCGGGCTTTCACAGTGGGGATTCAGAGGATGATGAACCTTGATGATCTGAC	900
Qy	901	ATGCGGATTCGCGTCTTTTACAAAGCTGTGACTGGAAAAACC	944
Db	901	ATGCGGATTCGCGTCTTTTACAAAGCTGTGACTGGAAAAACC	944

```

: RESULT 2
: US-09-847-101B-28
: Sequence 28, Application US/09847101B
: Publication NO. US20020193327A1
: GENERAL INFORMATION:
: APPLICANT: VON SEGGERN, DANIEL
: APPLICANT: NEMEROW, GLEN R.
: APPLICANT: FRIEDLANDER, MARTIN
: TITLE OF INVENTION: VECTORS FOR OCULAR TRANSDUCTION AND USE THEREFOR FOR GENETIC THER
: FILE REFERENCE: 22908-1226B
: CURRENT APPLICATION NUMBER: US/09/847,101B
: CURRENT FILING DATE: 2001-05-01
: PRIOR APPLICATION NUMBER: 09/562,934
: PRIOR FILING DATE: 2000-05-01
: NUMBER OF SEQ. ID NOS: 50
: SOFTWARE: PatentIn Ver. 2.1
: SEQ ID NO 28

```

```

; LENGTH: 1240
; TYPE: DNA
; ORGANISM: adenovirus
US-09-847-101B-28

```

Query Match	11.1%	Score 104.4	DB 9	Length 1240
Best Local Similarity	99.1%	Pred. No. 4.3e-22		
Matches	105	Conservative	0	Mismatches 1; Indels 0; Gaps 0;
QY	757	TGTAGGGGCGCATGTATCCAGGGTTCCCTTGATGATGATCACTATATCCGTGCCCTTTT		816
Db	1001	TCATGGGCGCATGTATCCAGGGTTCCCTTGATGATGATCACTATATCCGTGCCCTTTT		1060
QY	817	TTCCACAGCTCGCGTTGAGACAAACTCTTCGGGCTTTTCCAGT		862
Db	1061	TTCCACAGCTCGCGTTGAGACAAACTCTTCGGGCTTTTCCAGT		1106

```

RESULT 3
US-09-847-101B-42
: Sequence 42, Application US/09847101B
: Publication No. US20020193327A1
: GENERAL INFORMATION:
: APPLICANT: VON SEGGERN, DANIEL
: APPLICANT: NEMEROW, GLEN R.
: TITLE OF INVENTION: VECTORS FOR OCULAR TRANSDUCTION AND USE THEREFOR FOR GENETIC T
: FILE REFERENCE: 22908-1226B
: CURRENT APPLICATION NUMBER: US/09/847,101B
: PRIOR FILING DATE: 2001-05-01
: PRIOR APPLICATION NUMBER: 09/562,934
: NUMBER OF SEQ ID NOS: 50
: SOFTWARE: PatentIn Ver. 2.1
: SEQ ID NO 42
: LENGTH: 7231
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Description of Artificial Sequence: plasmid pDV80
US-09-847-101B-42

Query Match      11.1%; Score 104.4; DB 9; Length 7231;
Best Local Similarity 99.1%; Pred. No. 7.3e-22;
Matches 105; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      757      TGTAGGGCGCAGTAGTCGACAGGTTTCTGTGATGATGTCATACACTATCCCTTTT 816
DB      1849      TCTAGGGCGCAGTAGTCGACAGGTTTCTGTGATGATGTCATACACTATCCCTTTT 1908

QY      817      TTCACAGCTCGCGGTTGAGACAACTCTTCGCGCTTTCAGT 862
DB      1909      TTCACAGCTCGCGGTTGAGACAACTCTTCGCGCTTTCAGT 1954

RESULT 4
US-09-847-101B-30
: Sequence 30, Application US/09847101B
: Publication No. US20020193327A1
: GENERAL INFORMATION:
: APPLICANT: VON SEGGERN, DANIEL
: APPLICANT: NEMEROW, GLEN R.
: TITLE OF INVENTION: VECTORS FOR OCULAR TRANSDUCTION AND USE THEREFOR FOR GENETIC T
: FILE REFERENCE: 22908-1226B
: CURRENT APPLICATION NUMBER: US/09/847,101B
: PRIOR FILING DATE: 2001-05-01
: PRIOR APPLICATION NUMBER: 09/562,934
: NUMBER OF SEQ ID NOS: 50
: SOFTWARE: PatentIn Ver. 2.1
: SEQ ID NO 30
: LENGTH: 7960

```



```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: plasmid pdv67
US-09-847-101B-30
```

```
Query Match          11.1%; Score 104.4; DB 9; Length 7960;
Best Local Similarity 99.1%; Pred. No. 7.5e-22;
Matches 105; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
OY 757 TGTAGGGCGCAGTAGTCCAGGGTTTCCTTGATGATGTCATCTTATCTGTCCTTTT 816
    1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
DB 1929 TCTAGGGCGCAGTAGTCCAGGGTTTCCTTGATGATGTCATCTTATCTGTCCTTTT 1988
```

```
OY 817 TTCACAGCTCGGGGTTGAGGACAACTCTCGCGGCTTTCAGT 862
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
DB 1989 TTCACAGCTCGGGGTTGAGGACAACTCTTCGCGGCTTTCAGT 2034
```

```
RESULT 5
US-09-847-101B-33
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```
; Sequence 33, Application US/09847101B
; Publication No. US20020193327A1
; GENERAL INFORMATION:
```

```
; APPLICANT: VON SEGGERN, DANIEL
; APPLICANT: NEMEROW, GLEN R.
; APPLICANT: FRIEDLANDER, MARTIN
; TITLE OF INVENTION: VECTORS FOR OCULAR TRANSDUCTION AND USE THEREFOR FOR GENETIC THER
; FILE REFERENCE: 22908-1226B
; CURRENT APPLICATION NUMBER: US/09/847,101B
; CURRENT FILING DATE: 2001-05-01
; PRIOR APPLICATION NUMBER: 09/562,934
; PRIOR FILING DATE: 2000-05-01
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: Patentln Ver. 2.1
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SEQ ID NO 33
LENGTH: 7989
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION: 4242
OTHER INFORMATION: N is any
LOCATION: 4245
OTHER INFORMATION: N is any
OTHER INFORMATION: Description of Artificial Sequence: plasmid pdv69
US-09-847-101B-33
```

```
Query Match          11.1%; Score 104.4; DB 9; Length 7989;
Best Local Similarity 99.1%; Pred. No. 7.6e-22;
Matches 105; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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```
OY 757 TGTAGGGCGCAGTAGTCCAGGGTTTCCTTGATGATGTCATCTTATCTGTCCTTTT 816
    1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
DB 1929 TCTAGGGCGCAGTAGTCCAGGGTTTCCTTGATGATGTCATCTTATCTGTCCTTTT 1988
```

```
OY 817 TTCACAGCTCGGGGTTGAGGACAACTCTCGCGGCTTTCAGT 862
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DB 1989 TTCACAGCTCGGGGTTGAGGACAACTCTTCGCGGCTTTCAGT 2034
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```
RESULT 6
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```
US-09-847-101B-29
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```
; Sequence 29, Application US/09847101B
; Publication No. US20020193327A1
; GENERAL INFORMATION:
```

```
; APPLICANT: VON SEGGERN, DANIEL
; APPLICANT: NEMEROW, GLEN R.
; APPLICANT: FRIEDLANDER, MARTIN
; TITLE OF INVENTION: VECTORS FOR OCULAR TRANSDUCTION AND USE THEREFOR FOR GENETIC THER
; FILE REFERENCE: 22908-1226B
; CURRENT APPLICATION NUMBER: US/09/847,101B
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; CURRENT FILING DATE: 2001-05-01
; PRIOR APPLICATION NUMBER: 09/562,934
; PRIOR FILING DATE: 2000-05-01
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: Patentln Ver. 2.1
; SEQ ID NO 29
; LENGTH: 8383
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: plasmid pdv60
US-09-847-101B-29
```

```
Query Match          11.1%; Score 104.4; DB 9; Length 8383;
Best Local Similarity 99.1%; Pred. No. 7.7e-22;
Matches 105; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
OY 757 TGTAGGGCGCAGTAGTCCAGGGTTTCCTTGATGATGTCATCTTATCTGTCCTTTT 816
    1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
DB 1907 TCTAGGGCGCAGTAGTCCAGGGTTTCCTTGATGATGTCATCTTATCTGTCCTTTT 1966
```

```
OY 817 TTCACAGCTCGGGGTTGAGGACAACTCTCGCGGCTTTCAGT 862
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
DB 1967 TTCACAGCTCGGGGTTGAGGACAACTCTTCGCGGCTTTCAGT 2012
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```
RESULT 7
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```
US-09-847-101B-23
```

```
; Sequence 23, Application US/09847101B
; Publication No. US20020193327A1
; GENERAL INFORMATION:
```

```
; APPLICANT: VON SEGGERN, DANIEL
; APPLICANT: NEMEROW, GLEN R.
; APPLICANT: FRIEDLANDER, MARTIN
; TITLE OF INVENTION: VECTORS FOR OCULAR TRANSDUCTION AND USE THEREFOR FOR GENETIC THER
; FILE REFERENCE: 22908-1226B
; CURRENT APPLICATION NUMBER: US/09/847,101B
; CURRENT FILING DATE: 2001-05-01
; PRIOR APPLICATION NUMBER: 09/562,934
; PRIOR FILING DATE: 2000-05-01
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: Patentln Ver. 2.1
```

```
SEQ ID NO 23
LENGTH: 32480
TYPE: DNA
ORGANISM: adenovirus
US-09-847-101B-23
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```
Query Match          11.1%; Score 104.4; DB 9; Length 32480;
Best Local Similarity 99.1%; Pred. No. 1.2e-21;
Matches 105; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
OY 757 TGTAGGGCGCAGTAGTCCAGGGTTTCCTTGATGATGTCATCTTATCTGTCCTTTT 816
    1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
DB 8187 TCTAGGGCGCAGTAGTCCAGGGTTTCCTTGATGATGTCATCTTATCTGTCCTTTT 8246
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OY 817 TTCACAGCTCGGGGTTGAGGACAACTCTCGCGGCTTTCAGT 862
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DB 8247 TTCACAGCTCGGGGTTGAGGACAACTCTTCGCGGCTTTCAGT 8292
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```
RESULT 8
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```
US-09-111-911-5
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; Sequence 5, Application US/09111911
; Publication No. US20030096768A1
; GENERAL INFORMATION:
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```
; APPLICANT: WOLD, William S.M.
; TITLE OF INVENTION: Inhibiting Apoptosis with Adenovirus RID Protein
; FILE REFERENCE: 16153-5587
; CURRENT APPLICATION NUMBER: US/09/111,911
; CURRENT FILING DATE: 1998-07-08
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: Patentln Ver. 2.0
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APPLICATION NUMBER: 08/379,452  
FILING DATE:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: FR 93 06482  
FILING DATE: 28-MAY-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Dadio, Susan M.  
REGISTRATION NUMBER: 40,373  
REFERENCE/DOCKET NUMBER: 029395-002  
INFORMATION FOR SEQ ID NO: 43:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 35935 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-09-725-720-43

Query Match 11.1%; Score 104.4; DB 10; Length 35935;  
Best Local Similarity 99.1%; Pred. No. 1.2e-21;  
Matches 105; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 757 TGTAGGGCGCAGTACTCCAGGTTCTTGATGATGTCATCTATCTGTCCTTTT 816  
DB 7043 TCTAGGGCGCAGTACTCCAGGTTCTTGATGATGTCATCTATCTGTCCTTTT 7102  
QY 817 TTCACAGCTCGCGGTTGAGACAACCTCTTCGGGCTTTCCAGT 862  
DB 7103 TTCACAGCTCGCGGTTGAGACAACCTCTTCGGGCTTTCCAGT 7148

RESULT 12  
US-09-782-378A-4  
Sequence 4, Application US/09782378A  
Patent No. US20020102731A1  
GENERAL INFORMATION:  
APPLICANT: Hearing, Patrick  
APPLICANT: Bahou, Wadie  
APPLICANT: Sandalon, Ziv  
APPLICANT: Gnatenko, Dmitri  
TITLE OF INVENTION: Adenoviral Vectors  
FILE REFERENCE: STONYB-04970  
CURRENT APPLICATION NUMBER: US/09/782,378A  
CURRENT FILING DATE: 2001-02-12  
PRIOR APPLICATION NUMBER: 60/237,747  
PRIOR FILING DATE: 2000-10-02  
NUMBER OF SEQ ID NOS: 27  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 4  
LENGTH: 35935  
TYPE: DNA  
ORGANISM: Human adenovirus type 5  
US-09-782-378A-4

Query Match 11.1%; Score 104.4; DB 10; Length 35935;  
Best Local Similarity 99.1%; Pred. No. 1.2e-21;  
Matches 105; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 757 TGTAGGGCGCAGTACTCCAGGTTCTTGATGATGTCATCTATCTGTCCTTTT 816  
DB 7043 TCTAGGGCGCAGTACTCCAGGTTCTTGATGATGTCATCTATCTGTCCTTTT 7102  
QY 817 TTCACAGCTCGCGGTTGAGACAACCTCTTCGGGCTTTCCAGT 862  
DB 7103 TTCACAGCTCGCGGTTGAGACAACCTCTTCGGGCTTTCCAGT 7148

RESULT 13  
US-09-782-378A-5  
Sequence 5, Application US/09782378A  
Patent No. US20020102731A1  
GENERAL INFORMATION:  
APPLICANT: Hearing, Patrick

APPLICANT: Bahou, Wadie  
APPLICANT: Sandalon, Ziv  
APPLICANT: Gnatenko, Dmitri  
TITLE OF INVENTION: Adenoviral Vectors  
FILE REFERENCE: STONYB-04970  
CURRENT APPLICATION NUMBER: US/09/782,378A  
CURRENT FILING DATE: 2001-02-12  
PRIOR APPLICATION NUMBER: 60/237,747  
PRIOR FILING DATE: 2000-10-02  
NUMBER OF SEQ ID NOS: 27  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 5  
LENGTH: 35935  
TYPE: DNA  
ORGANISM: Human adenovirus type 5  
US-09-782-378A-5

Query Match 11.1%; Score 104.4; DB 10; Length 35935;  
Best Local Similarity 99.1%; Pred. No. 1.2e-21;  
Matches 105; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 757 TGTAGGGCGCAGTACTCCAGGTTCTTGATGATGTCATCTATCTGTCCTTTT 816  
DB 7043 TCTAGGGCGCAGTACTCCAGGTTCTTGATGATGTCATCTATCTGTCCTTTT 7102  
QY 817 TTCACAGCTCGCGGTTGAGACAACCTCTTCGGGCTTTCCAGT 862  
DB 7103 TTCACAGCTCGCGGTTGAGACAACCTCTTCGGGCTTTCCAGT 7148

RESULT 14  
US-09-782-378A-3  
Sequence 3, Application US/09782378A  
Patent No. US20020102731A1  
GENERAL INFORMATION:  
APPLICANT: Hearing, Patrick  
APPLICANT: Bahou, Wadie  
APPLICANT: Sandalon, Ziv  
APPLICANT: Gnatenko, Dmitri  
TITLE OF INVENTION: Adenoviral Vectors  
FILE REFERENCE: STONYB-04970  
CURRENT APPLICATION NUMBER: US/09/782,378A  
CURRENT FILING DATE: 2001-02-12  
PRIOR APPLICATION NUMBER: 60/237,747  
PRIOR FILING DATE: 2000-10-02  
NUMBER OF SEQ ID NOS: 27  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 3  
LENGTH: 35937  
TYPE: DNA  
ORGANISM: Human adeno-associated virus 2  
US-09-782-378A-3

Query Match 11.1%; Score 104.4; DB 10; Length 35937;  
Best Local Similarity 99.1%; Pred. No. 1.2e-21;  
Matches 105; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 757 TGTAGGGCGCAGTACTCCAGGTTCTTGATGATGTCATCTATCTGTCCTTTT 816  
DB 7033 TCTAGGGCGCAGTACTCCAGGTTCTTGATGATGTCATCTATCTGTCCTTTT 7092  
QY 817 TTCACAGCTCGCGGTTGAGACAACCTCTTCGGGCTTTCCAGT 862  
DB 7093 TTCACAGCTCGCGGTTGAGACAACCTCTTCGGGCTTTCCAGT 7138

RESULT 15  
US-09-956-335-1  
Sequence 1, Application US/09956335  
Patent No. US2002028785A1  
GENERAL INFORMATION:  
APPLICANT: WOLD, William  
APPLICANT: TOTTH, Karoly

; APPLICANT: KUPPASWAMI, Mohan  
 ; APPLICANT: DORONIN, Konsantlin  
 ; TITLE OF INVENTION: RECOMBINANT ADENOVIRUS VECTORS THAT ARE  
 ; FILE REFERENCE: 16153-8394  
 ; CURRENT APPLICATION NUMBER: US/09/956,335  
 ; CURRENT FILING DATE: 2001-09-19  
 ; NUMBER OF SEQ ID NOS: 3  
 ; SOFTWARE: Patentlin Ver. 2.0  
 ; SEQ ID NO: 1  
 ; LENGTH: 35978  
 ; TYPE: DNA  
 ; ORGANISM: Adenovirus  
 ; US-09-956-335-1

Query Match 11.1%; Score 104.4; DB 10; Length 35978;  
 Best Local Similarity 99.1%; Pred. No. 1.2e-21;  
 Matches 105; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 757 TGTAGGGCGCAGTACTCCAGGTTTCCTTGATGATGATCACTATTCCTGTCCTTTT 816  
 DB 7043 TCTAGGGCGCAGTACTCCAGGTTTCCTTGATGATGATCACTATTCCTGTCCTTTT 7102  
 QY 817 TTCACAGCTCGCGGTGAGACAACCTTCGCGCTTTCACCT 862  
 DB 7103 TTCACAGCTCGCGGTGAGACAACCTTCGCGCTTTCACCT 7148

Search completed: June 14, 2003, 01:26:17  
 Job time : 268.299 secs